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# Will Healthy Agriculture Survive **Big Business?** Organic Gardening—Power Of The Soil

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#### 4/3/01 RICK MARTIN

It's the time of year to get our hands dirty—and I don't mean spring housecleaning! Mother Nature begins to wake up from her winter sleep and it's time to start planting. Whether it be vegetables, fruit trees, berries, roses, other flowers, whatever your taste, now is the time to get started. And that's the key—getting started.

For some of us really serious gardeners, we're already well into the growing season and, with each lengthening day, we have an array of small seedlings hatching and growing in protected places, and almost ready for planting in the garden beds we're already preparing. We wouldn't have it any other way.

Over the years there has been one exceptionally superior source of information and inspiration about all matters related to working conscientiously with the ways Nature prefers to grow things. That is the magazine called *Organic Gardening*, which has been around since J.I. Rodale founded it in 1942, and is presently headed by the third generation of the founding Rodale family. Today I had the distinct pleasure of speaking for awhile with the very busy President and Editor of *Organic Gardening*, Maria Rodale, on our mutually favorite subject.

Maria is a delight to talk with and wastes no time getting right to the core of the sometimes quite complex issues that lead to balance in working with Mother Nature. Like the kinds of situations we must often handle with *The SPECTRUM*, she finds that some readers want "pure" organic gardening information and they become irritated when their tranquility is rocked because she insists upon covering the Larger Picture

(*Please see*: **Power Of The Soil**, *p.31*)

WEB ADDRESS: www.TheSpectrumNews.org

## What Would We Do If **There Was No Food?**

There was a bittersweet snapshot (one of many) drawn in the 1970s by the great cartoonist Mark Twain put it so well back when times were on scientific subjects, Sidney Harris. It showed two guys in the Big-J Cereal Company's corporate executive offices. The boss is sitting a bit dejectedly behind his big desk. The other guy is standing there holding a piece of paper. The much better than you do; they just stole back *caption goes: "The report isn't all bad. They say* that, eaten with warm milk, the BOX could is presently under discussion-to fund THEIR provide some nutrition.'

Another of his cartoons of that era freezes a husband and wife in their kitchen with a startled look on their faces. She's in the midst of setting the table for a lunch of soup; he is in front of an open kitchen cabinet with cans on the shelves. Having just selected one, he is reading aloud the label on a particular soup can. It goes: "Clam Chowder—Ingredients: clams, potatoes, water, hydrolated plant protein, sodium phosphate, calcium carbonate, butvlated hvdroxytoluene, help us. We know that. We are humbled, on the FOR EXTERNAL USE ONLY." That's when the husband and wife look at each other with those startled expressions on their faces.

The point behind these snapshots of modern life is, of course, what is happening to our food as a result of "big business" getting in the middle of the food chain, between source and consumer. No wonder the whole "health food" movement took off like a rocket at that time. Now we even plot really thickens when you compare the latest have organic fruit and vegetables showing up in

more obvious part of this subject. But other, more basic—and potentially tragic—parts of the April 5 to officially steer blame away from guilty food production equation remain largely hidden parties and place the fix-it burden squarely on the from public view for a number of reasons. And it shoulders of already buckling taxpayers and is THAT arena we hope to illuminate a bit for you through several articles in this decidedly *'green" issue of* The SPECTRUM.

You can blame Rick Martin for getting the ball rolling along these lines. We wanted to share his updated and expanded gardening article in this issue, as was promised last month (if we were still afloat, which we are, just barely, as usual). And one thing led to another, as some good information "just happened" to cross our path related to agriBUSINESS versus conscientious "organic" farming. That, in turn, led to our front-page feature interview to round out this subject and tie the loose ends together.

The point is that we largely take food for granted, like we do water. But there are things going on in agriculture that are putting our food supplies into serious jeopardy—and I don't just mean that so many foods these days are devoid of flavor and health-imperative trace minerals.

We hope what we offer in this issue of The SPECTRUM helps to inform you in a way that not only illustrates the dangers and pending tragedies, but also provides solutions-things you can do to help steer the great ship of farming and you tell The Truth. But we keep at it anyway, agriculture back into more healthy waters. Each with your financial help and faithful good wishes. small positive step taken truly does add up.

Now, Congress is another matter entirely. As simpler: "There is no distinctly native, American criminal class—except Congress." As I write this our criminal class has just decided that THEY know how to spend YOUR money (tax dollars) \$450 billion from the \$1.6 trillion tax cut bill that own pet projects, of course.

And while they're spending your money like it was theirs (sounds like the definition of a criminal to me), I want to sincerely thank those of you who have been helping us stay afloat through the incredible kindness of your monetary donations. Think of this important "green" issue of The SPECTRUM as the latest miracle product of that thoughtful generosity.

Some of you are making great sacrifices to one hand, by the trust you place in us, and we are inspired, on the other, to do our very best to bring you these "class notes" for this multidimensional (literally!), "full spectrum", Higher Education course. Bless you who care enough to help us share The Truth.

Speaking of which, don't miss our update on the "crisis" of California's power shortages. The uncoverings with the old business "success average grocery stores, due to the overwhelming formula" from Three Mile Island that was level of public demand. explained in our February 2001 front-page story. The public has been able to understand that Meanwhile, California Governor Gray Davis delivered a brief statewide address the evening of ratepayers—in typical criminal fashion.

> And speaking of further Truth, that same evening's news programs "spilled the beans" on a longtime racket going on in the "sacred" prestigious medical journals like The Journal Of The A.M.A. and The New England Journal Of It seems that pharmaceutical Medicine. companies have been writing "research" papers favorable to some new drug they're pushing. Then they pay some outside doctor, usually affiliated with a medical school, to review and then sign and submit the paper as their own research work. In other words, drug company researchers ghostwrite papers "from" medical school doctors-to plug company products.

> This is déjà vu for me. I wrote about that (and a lot worse corruption going on in the socalled professional scientific arenas) back in 1988, in an invited article on the problems and pressures within the so-called premier institutions of so-called "higher" education. That Truth had a lot to do with my being "asked" to leave M.I.T. shortly after the paper's publication.

Some things are very slow to change when — Dr. Edwin M. Young, Editor-In-Chief

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The Highest (First) Command of The Law of The Creation states: "Achieve the wisdom of knowledge of Truth, as this will enable you to wisely follow the Laws of The Creation." In other words, go forth and gain as much knowledge and experience as you can.

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4/4/01 **DR. AL OVERHOLT** (alo@tminet.com)

#### PUBLIC HEALTH AUTHORITY URGES INQUIRY IN FOOT-AND-MOUTH SLAUGHTER

From Leonard G. Horowitz <tetra@tetrahedron.org>, 3/20/01: [quoting]

For Immediate Release

Contact: Elaine Zacky at 208-265-2575; 800-336-9266

Public Health Authority Urges Inquiry In Foot-And-Mouth Slaughter: Raises Spectre On Industrial Espionage

Could the outbreak of foot-and-mouth disease affecting global beef markets be an act of industrial espionage rather than Nature?

leading meat supplier be behind the deadly slaughter?

Leonard Horowitz, a Harvard graduate and the author of several books on infectious diseases.

Many Americans can recall the hoopla over Hillary Clinton having made more than \$100,000 virtually overnight in the swine futures market in 1998. The tip came from James Blair, chief counselor at Tyson Foods. The Springdale, Arkansas-based company showered gifts for favors upon Clinton administration that Tyson Foods stands to gain most from the additional "catastrophies" yet to be sprung upon officials including former Agriculture Secretary Mike Espy. Don Tyson was one of Bill Clinton's closest friends and biggest supporters, according to grand jury testimony concerning Tyson political misconduct. Don Tyson was Bill Clinton's top fundraiser during his gubernatorial and presidential elections.

The grave possibility that the international foot-and-mouth disease outbreak stems from a Tyson plot is documented in *Healing Codes For* The Biological Apocalypse (Tetrahedron Press, 1999; ISBN: 0-923550-01-1) in which Dr. Horowitz explored little-known facts about mad cow disease outbreaks.

Suggesting a new form of bioterrorism to facilitate what past CIA Director James Woolsy called industrial espionage, Dr. Horowitz considered the fortuitous fear campaign that facilitated Tyson's takeover of the Hudson Beef Company in 1997 after the latter's stock dropped SPECTRUM readers have entertained an ample in value 35% due to an alleged E. coli array of suspicions about the sudden appearance the animal world, and hour after hour the BBC contamination that was never confirmed.

review of a U.S. Congressional Record that share with you his possible scenario about what showed E. coli had been one of the principle may be going on. germs manipulated by the CIA, and James

espionage, French columnist Paul Javanovic another SPECTRUM friend, David Icke. explained, this meant the CIA will henceforth do many services for American enterprises which take the trouble to ask it for "help" in both counterespionage and espionage itself.

Regarding the foot-and-mouth outbreak, a sightings.com>, 3/25/01: [quoting] similar ruse was proposed involving Tyson only months following their Hudson Beef takeover. This time it was a chicken influenza outbreak in Asia. In December 1997, the Associated Press Steven Ransom clearly reveals, the Foot and reported that a 60-year-old woman had died of suspected bird flu. The U.S. Government manufactured crisis. It is yet one more in a immediately announced it would halt all chicken imports from China in a move to curb the spread as the West Coast electrical power "shortages" of the virus. Days later, pressured by the media and the "epidemic" of school shootingsand foreign governments, 1.2 million Asian designed to stampede the public into compliance chickens were slaughtered to allegedly prevent with ever tightening government control over Could Tyson Foods Corporation, the world's the flu from spreading to other countries and our lives through fear and hysteria. species.

These are serious questions being raised by a Horowitz wrote, Tyson was vying to bring the leading American public health authority, Dr. Asian poultry industry into its global monopolistic fold. The emergency primarily targeted Tyson's Asian competition, mostly small chicken farmers. What was most likely a CIAdirected outbreak conveniently required the annihilation of Tyson's competitors. That would have been a very effective, albeit immoral, farmers from holding large stores of grain and industrial espionage operation.

> On March 15, 2001, USA Today reported current foot-and-mouth disease problem. They had four times tried to purchase America's leading beef supplier IBP Corporation, most recently for \$3.2 billion, or \$30 per share of stock valued at only \$24.11. The international slaughter of cattle, the article said, was sure to reduce IBP profits, making Tyson's offer even more appealing.

Dr. Horowitz, in support of the British Farmers for Action, is calling for an immediate halt to the slaughter of uninfected herds, and an investigation by the British government officials into the possibility that the entire foot-and-mouth disease outbreak was premeditated.

NOTE TO JOURNALISTS: For background information on Dr. Horowitz link to <www.tetrahedron.org> or call Elaine Zacky at 208-265-2575. [End quoting]

Most likely all of you thoughtful of this foot-and-mouth epidemic. And since Dr. and other ignorant UK broadcasters are The doctor's suspicions were based on a Len is no stranger to these pages, we wanted to bombarding the public with fear stories about a

behind this event. Another hypothesis is along the lines that the foot-and-mouth extermination campaign is a cover for something more serious affecting the animals-like mad cow disease.

The following presentation is equally as Woolsy's statement: "With the end of the Cold important as Dr. Len's above, and the War, the CIA must enter the era of economic [or introductory editor's note bears thoughtful industrial] espionage". In the language of consideration. This is brought to us courtesy of

#### UK FOOT-AND-MOUTH "CRISIS"

Excerpted from the INTERNET, <a href="http://">http://</a>

The Untold Story From Educate Yourself <http://educate-yourself.org>

Editor's Note: As the following article by Mouth Disease (FMD) "epidemic" is a series of orchestrated and planned events-such

The slaughter of disease-free Vermont sheep, Few knew that prior to these events, Dr. by government officials who have refused to even test them before destruction, is probably a trial run to gauge how meekly the American public will react to such overt acts of totalitarian control. And this for a disease that FMD expert Abigail Wood says "is as serious to animals as a bad cold is to human beings".

> In the past decade, the government prevented seed, and now they actively destroy healthy sheep. These measures, along with the us, will drive prices up at a time when the stock market (and the economy/employment) are going down.

> The darkening clouds of the New World Order takeover agenda are steadily drawing closer in America and around the world. The most helpful thing you can do is to bring this awareness to others and to prepare to live independent of "the system" as soon as possible.

#### Introduction From David Icke (http://www.davidicke.com)

Some months ago, a friend was told by a Member of Parliament's wife that something was going to happen before the end of March that would stop the movement of people around the UK. Now the Foot-and-Mouth "crisis" is doing just that. A coincidence?

Foot-and-Mouth is being used as the HIV of "catastrophe" while access to the countryside and at least many sacred sites is banned. And There's nothing to preclude multiple reasons all for a disease that 95% of animals recover

from in a couple of weeks. Why?

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everyone you know and particularly every UK led to believe. television and radio station you can.

Thank you, David Icke

Distortion Of The Facts Is The Only Crisis

Stay away from the countryside! And stay away from the facts!

Foot-And-Mouth: The Management Of A Pseudo-Crisis

By Steven Ransom Credence Publications (3/25/01)

#### THE SCARY HEADLINES

Over this last week, international television and radio news bulletins have brought world usually within a week or two. Death occurs in nevertheless instantly destroyed. Should we line audiences graphic reports of an encroaching only 5 percent of cases. And the meat is fit to up our children because they are coughing? pestilence. The dreaded and highly infectious livestock disease known as "foot-and-mouth" or FMD has returned to British shores.

The globe is being treated to round the clock reports on "the extent of the FMD nightmare". Mounds of destroyed cattle, gruesome pyres burning through the night, ashen-faced reporters delivering the latest outbreak statistics, people being warned to stay away from the countryside: "As well as being airborne, the foot-and-mouth virus can adhere to car tires. Do not venture into the countryside unless absolutely necessary" warned the BBC on the Monday, 26 Feb, 10 o'clock evening news. The same feature included reports of international rugby matches being cancelled, a meat shortage crisis pending, pan shots of once-thriving but now empty cattle markets, lots of hype, lots of emotion, lots of TV batten-down specials-but, as we shall soon than the more common meat and milk discover, no actual facts.

In truth, if the events of this last week have taught us anything, it is just how much we are at the mercy of misleading way of dealing with foot-and-mouth, eventually government information. As a result of this barrage of emotive, inaccurate hype, there are now members of the public who consider it genuinely irresponsible to hang out a strip of bacon for their garden birds, or to go for a walk in the country until this crisis is over. Despite the governmental pronouncements, the facts surrounding this "crisis" are very different to what we have so far been told.

Abigail Wood is a vet and researcher into the history of FMD, based at the University of insistence that FMD is highly infectious, and must Manchester in the UK. She remains very downto-Earth over these latest "rampaging vicious food markets that UK herds have FMD leads virus" reports. Credence Publications contacted her as a result of her recent UK Times article, scenes. [Such an hysterical response would not which began thus: "Foot-and-mouth is as serious happen without the all important media-driven to animals as a bad cold is to human beings. So frenzy to "inform" the people of the "facts" they why the concern?" Wood's research, when must be programmed to believe.] taken in conjunction with research carried out by

Credence Publications, makes it quite clear that making. And if this latest "outbreak" is to be

#### THE FACTS

So what is FMD? The current wisdom, which we shall be examining a little later, theorizes that FMD is viral in nature. Symptoms of FMD in livestock begin usually with a temperature, followed within 24 hours by the appearance of blisters and ulcerations on places such as the tongue, lips, gums, dental pad, interdigital skin of the feet, bulbs of the heels, and milk teats. Occasionally, ulcerations appear inside the nostrils or on the muzzle or vulva. Visually, these ulcerations are the equivalent of large cold sores. The resultant illness and lameness causes decreased appetite, a drop in milk yield, a drop in productivity, and of course, increased care costs.

Afflicted animals almost always recover, eat

For much of the 19th century, FMD was common across the UK. In fact, it was endemic. But it did not destroy farming. We lived with it. Life continued on as normal.

So why today's scenes of mass destruction? Quite simply, it is because we are continuing to adhere to some woefully errant farming policy instituted nearly 50 years ago. [Well. it's "simply" for the above reason, though some bureaucratic mechanism may well be utilized as a *cover for carrying out a more diabolical agenda.*]

Says Wood: "The instant destruction policy was implemented in the 1950s by the UK governing bodies, as a result of growing pressure over the years from pedigree herd owners-rather producers-who wished to see the eradication of FMD. Continued promotion of the slaughter policy by UK authorities, as the most effective and now we have to live with the results of that policy."

In those early years, FMD was as much a part of British farming as bad weather, poor harvests, and other afflictions affecting livelihood. But in today's intensive farming climate, production and global reputation is everything. Because of the UK's continued and, as we shall see, unfounded be eradicated at all costs, one whiff on the global quite naturally to today's totally disproportionate

If we are in a pit, then it is a pit of our own soon began to surface.... [End quoting]

Please e-mail the following article to FMD is not the vicious gremlin we have been referred to as a nightmare, then it is a nightmare brought about by our own political and economic policies.

> The early zeal for the perfect pedigree-a disease-free herd—is this same ideal not mirrored in today's genome quest for a disease-free human race? It seems that the FMD "instant destruction" policy has its roots fair and square in the mistaken belief that all illness and disease, even those considered minor and/or harmless, can eventually be eradicated.

> The cows, pigs, and sheep dying today are not doing so as a result of any illness.

> They are dying entirely at the hands of man. The preliminary report on this latest FMD "outbreak" submitted by Dr. J.M. Scudamore, UK Chief Veterinary Officer, to the OIE (Office International des Epizooties) tells of 35 cases on three farms, no deaths occurring anywhere from the actual disease, but 577 animals on those farms

#### FUNDAMENTAL QUESTIONS

With the facts at hand regarding FMD, should Our cattle became ill, and then they recovered. we not begin to ask some fundamental questions? Why can't our vital farming community, and the public at large be given the necessary facts, and then more importantly, the opportunity to question this instant destruction policy?

But therein lies the difficulty, folks. "It would SPECTRUM readers would hardly swallow that be very difficult to change it now," Wood told us. "That would be to question the perceived wisdom of the last 100 years." It is entrenched scientific error, and intractable pride on behalf of the UK agricultural and governmental bodies, that is the killer in our midst.

> A spokesperson from the diagnostic department of Animal Health Trust who wished not to be named, stated: "The hype is all out of proportion. If the authorities just left the animals alone to recover from FMD, this would make them healthy, and immune the next time around."

Moving on from "foot-and-mouth as common persuaded the continent, and then the rest of the cold", what's all this about FMD being viral in world, to follow suit. We instituted the policy, nature, being airborne, and sticking to car tires and Wellington boots? Apparently, the FMD virus is quite choosy, being breathed out by pigs, but not breathed in by cats or dogs. It can be hosted by horses, but to no ill-effect, and humans too can contract the virus, suffering mild skin irritations.

> But is this pattern of disease grounded in reality? Does it conform to a sensible pattern of disease? Or are we once again just trusting the wisdom of the day? In attempting to discover how these agencies arrive at a positive diagnosis of FMD, and to try and get an explanation for the seemingly illogical nature of FMD proliferation, it soon became clear that these questions were not at all welcome, and some of those well-worn tiresome conventional "dodging" techniques very

where it is going next—whenever some uppity investigator starts to ask intelligent questions about the officially stated reality.

Meanwhile, no sensible person can be expected to make sense out of why they would transport suspect sheep from Vermont, hundreds of miles cross-country, to slaughter and examine them, after telling us that in Britain it is so about the LFAS and the toxic contamination of contagious that they don't want people even going to visit the countryside where the sheep are. Wouldn't they be spreading the disease all across the hundreds of miles from Vermont to the Midwest destination point?

Again, just what might "they" be looking for in these animals, disguised as a foot-and-mouth become a reality, at least in the short term. On emergency? Perhaps if we knew the answer to that one, there'd be a REAL panic! If the opposite is true-and nothing is seriously wrong shenanigans of the New World Order gang of with these animals, but they're being slaughtered would-be kings. Events like these stimulate quite to create an "emergency"-then you and I both a bit of awakening of the public to the truth of know who ought to be locked-up for a very long our enslaved world and make it that much more focus on conservation but also on a controversial time.

#### COUNTDOWN TO THE SUMMIT OF THE AMERICAS: PROTEST THE FREE TRADE AGREEMENT

Excerpted from the INTERNET. <AABCC@yahoogroups.com>, 3/22/01: [quoting]

Americas: Protest the Free Trade Agreement of the Americas (FTAA)

Anti-summit activists will pay minister a visit.

Repercussions of the FTAA + a great way to Policy Development Group get around the mainstream media ban on truth + Quebec Solidarity  $\Rightarrow$  Wear a scarf April 2 + #1 most censored story: corporatizing water worldwide + International Day for Forests and Against Free Trade + Anarchists Claim Responsibility for Seattle Earthquake-This compilation is also available from <http:// www.cybernaute.com/earthconcert2000/ CountdownSummit.htm>

Hello everyone,

Agreement of the Americas (FTAA) to be rubberstamped in Quebec City by 34 "heads" of states, is in fact a repeat of the failed attempt to impose on the entire world the infamous last night for the second day in succession, Multilateral Agreement on Investments (MAI) that President Bush gave warning of critical shortages was derailed in Seattle. Over 60,000 demonstrators are expected to come to Quebec City, where they will face a small army of 5,000 policemen in full riot gear and a formidable, almost impregnable barrier erected around the posh hotels and congress center to "protect" the leaders and their bureaucratic cohorts from being inconvenienced by those protesting the corporate globalization and wholesale destruction of the in the more populous areas, from Silicon Valley planet. Total cost of this police operation: \$70 million for the Canadian taxpayers.

There is much to be said about all this, and I intend to revisit this issue before, during, and after the summit, as this is a major challenge and Spencer Abraham, his Energy Secretary, to say on here. Of course, those advancing this kind of

world by corporate interests.

Thanks for passing this on to others,

Jean Hudon

Earth Rainbow Network Coordinator

P.S. To review the Special Media Compilation the world which I also e-mailed tonight to my media list, please go to the www.cybernaute.com/ earthconcert2000/MediaCompilation1.htm Internet website.

[End quoting]

On the one hand, the FTAA is likely to the other hand, it is refreshing to see that so many people are waking up to the noose-tightening public at large.

#### NEW YORK IS NEXT FOR BLACKOUTS, WARNS BUSH

Excerpted from the INTERNET, 3/19/01: [quoting]

By Simon Davis in Los Angeles and Ben Fenton in Washington <www.telegraph.co.uk>

President Bush meets with National Energy

The White House U.S. Energy Secretary Spencer Abraham delivers a national report on America's energy crisis; warns of lengthy "crisis".

New York could be the next American city to experience electricity cuts, the White House said yesterday, as the power crisis spreads outwards from California.

Boston and other cities in New England may be affected, but local power managers said they believed they could keep the lights burning Make no mistake: the proposed Free Trade through the summer unless particularly hot conditioners.

> As blackouts in California were announced of gas, petrol, and electricity this summer. On Monday, cars crashed when traffic lights failed, office workers were trapped in stalled lifts, and thousands of homes were plunged into darkness as California suffered a string of blackouts.

> Unlike the power cuts eight weeks ago that affected a relatively small section of northern California, this week's blackouts hit communities to Beverly Hills and Santa Monica. San Diego and the state capital, Sacramento, were also affected.

No need to continue the story. You can see important round in the battle to prevent the world they believed blackouts would spread. Mr. Bush from further slipping into what could be called said: "One thing is for certain: there are no short-"extremist capitalism" and the domination of the term fixes. The solution for our energy shortage requires long-term thinking and a plan that we'll implement that will take time to bring to fruition."

> Mr. Abraham told leaders of small businesses that America was facing its worst energy crisis since the [similarly manufactured "crisis" of the] Seventies and predicted that, unless radical restructuring was brought in rapidly, the whole economy could falter as it did then.

> He said: "The good news, I think, is that America's energy problems can be solved. The bad news is that the situation in California is not isolated, it is not temporary, and it will not fix itself. America faces a major energy supply crisis over the next two decades. The nation's last three recessions have all been tied to rising energy prices, and there is strong evidence that the latest crisis is already having a negative effect."

The new administration's energy strategy will difficult for the next NWO trick to be pulled. expansion of exploration for oil, gas, and coal, as The situation most feared is the awakening of the well as developing existing energy sources. It is not likely to solve California's immediate problem....

[End quoting]

This announcement is 100% predictable: if the power kings got away with "highway robbery without a gun" in California (which they have), they certainly wouldn't stop there. Furthermore, look at how the public is being conditioned to allow (and then enthusiastically endorse) these controversial explorations for more oil, gas, and coal-as if there were no other solutions. And our President's family is in what black, slippery business bigtime?

Hmmm.

#### SEX FOR INFANTS

#### From THE SPOTLIGHT, 3/12/01: [quoting]

More than 200 children from infancy through 16 attended the 35th annual Michigan 'Womyn's" Music Festival along with 6,500 women, mostly lesbians. The children saw and weather forced customers to turn up their air heard sexually oriented workshops, and lesbian and sadomasochistic sex acts in progress. A website dedicated to the festival allowed participants to describe the types of sexual encounters in which they engaged, with many bragging of children watching them. Michigan law makes exposing children to sexual activities a crime. So far, no arrests have been reported. [End quoting]

> Can anyone tell me that we aren't playing the "Fall of Rome" scenario all over again? Or is that Sodom and Gomorrah?

Go back and re-read (if you have the stomach for it) our article in the October 2000 SPECTRUM titled "The Homosexual Agenda That Is Quietly Invading Our Schools" in order to fit the above into the larger picture. Every parent The California energy crisis led Mr. Bush and of a school-age child should know what is going agenda count on parents being too busy to pay attention to what the foxes are doing in the the farmer continued. "But now you've got me combat Colorado potato beetles, and the other henhouse.

#### NORTH DAKOTA FARMERS ANGRY! CAN NO LONGER BUY NON-GENETIC-ENGINEERED SEEDS

From the INTERNET, <www.sightings.com>, 3/ 27/01: [quoting]

Excerpts:

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Wiley was informed that his sample had tested positive for genetically modified varieties. The level of contamination was 1.37 percent, which was too much for the Japanese.

"I was stunned and sick to my stomach," Wiley said. "I finally went into the house to tell my wife we had just lost \$6,000 because of a neighbor's planting decision." producers who sell into markets that prohibit or be a lot of hungry people in a short while. Be severely restrict the use of genetically modified crops are having a hard time finding seed.

Donald Vig, an organic farmer from Valley City, said he has talked to seed suppliers as far away as California and cannot find seed guaranteed to be free of foreign genes. "The organic industry has a zero tolerance for genetically modified crops," Vig said.

Rodney Nelson, a farmer from Amenia, is also looking for soybean seed free of genetically modified varieties. Nelson is being sued by Monsanto, producer of Roundup Ready soybeans, for growing their variety of soybeans without buying seed from the company. "I want soybean seed that's guaranteed not to contain genetically engineered material," Nelson said. "When I asked my seed dealer for a guarantee, he laughed at me...".

#### INDIANA FARMERS GETTING THE BAD NEWS ON BIOTECH: "WHY DIDN'T YOU WARN ME ABOUT GMOs?"

(Excerpts: Tom Bechman, Indiana Prairie Farmer, a Farm Progress Publication)

didn't mince words when he addressed the issue of genetically modified organisms (GMOs) and the controversy still swirling throughout agriculture due to the StarLink Bt debacle last fall. He warned farmers that while the long-term potential for great benefits from biotechnology still existed, the short-term fall-out could actually make life more difficult, and perhaps even less profitable, for farmers who didn't manage carefully in the short term.

When he finished his talk at the Wayne County Conservation Tillage Workshop in Richmond, IN, one farmer in the crowd was quick about not mincing words, either:

"Why didn't you tell us about all of these potential negatives a long time ago?" he questioned, sharply. "Where have you been for the last two or three years?"

"I came here this morning feeling pretty good" very concerned about where we're going to sell our GMO crops in the future. It's not right that you let us all get hooked growing these GMO crops, and now tell us that maybe we should be growing something else."

While Nielsen is never at a loss for words, he did acknowledge that the farmer had a point. But it wasn't just Nielsen who didn't see the controversy coming. He contended that it was all of agriculture, plus the media, and even regulatory officials.

"Six months ago, hardly anyone in Indiana even knew what StarLink was," Nielsen says. "It was barely a blip on the radar screen."

[End quoting]

Other farmers off their lands—perhaps there are going to sure to catch the insightful ACRES USA interview elsewhere in this issue of The SPECTRUM for a bittersweet view of the problems being faced by farmers today—and some of their clever solutions around the purposely engineered traps.

#### MONSANTO PULLS THE PLUG ON GENETICALLY ENGINEERED POTATOES

From the INTERNET, <www.sightings.com>, 3/ 22/01: [quoting]

By Peter Reschke, <www.ontariofarmer.com>

Monsanto has decided to get out of the genetically modified business for potatoes. Starting with the 2001 season, the company will no longer market its NatureMark potato, the one that features a Bt gene to help it ward off Colorado potato beetles.

Adele Pelland, the company's manager of public affairs, says Monsanto will buy back any pre-commercial lead seed that growers have already purchased. Common seed, which is currently held by a few growers, can still be planted this year since the varieties are still from Non-Lawyer James Madison's Same-Hands registered, she says.

Purdue Extension corn specialist Bob Nielsen surprise" says OMAFRA potato specialist Eugenia branch shall exercise any powers pertaining to Banks. She says seed growers received letters either of the other branches unless expressly announcing the decision a couple of weeks ago.

> Although the genetically modified varieties, Shepordy and Atlantic, gave growers new resistance against insects and disease, Banks says sales of the varieties "were not very good". She says the varieties were agronomically good but there was concern about consumer reaction, which was heightened when ONE major processor, McCain, decided it would no longer buy genetically modified spuds.

> Pelland played down the anti-genetically modified controversy and would only say that Monsanto has been forced to concentrate its biotech resources in strategic areas. From now on the company will be focusing on corn, oilseeds, wheat, and cotton. "We've had to scale back our activities with other crops" she says.

Shepordy had two resistance genes, one to against mosaic virus, Banks says. Atlantic only carried the Bt gene against the beetles. [End quoting]

Hopefully, the groundswell of protest will continue to cause more genetically engineered seeds, crops, and foods to be pulled from the market-before it's too late. Already the damage is propagating, as other fields get contaminated with genetically modified varieties.

VOTING	FOR		LAWYERS		VIOLATES		
THE LAW	&	CO	STS	EACH	OF	US	\$100
		A	WE	<u>EK*!</u>			

From WINNING WITH TRUTH vs. POWER Killing off so many animals and driving the POLITICS, Mike Calhoun <www.calhounreport.com>, 305-534-1362, for 3/01: [quoting]

> (\* applies to all public offices outside the court-judiciary)

> Lawyers have become the biggest specialinterest soft-money threat! Elections, elderly reform attempts are prime examples. From pothole repairs to \$31 billion tobacco law fee, piecemeal reform endeavors are not working.

> A lawyer-controlled legislature is dragging feet on changing a 1978 law to guarantee that the ballot you cast is the same one that's counted. Florida Statute 101.5614 permits precinct ballot box opening prior to official vote tabulation. The entire election process is jeopardized. Lawyer/judge-run Canvas Board sworn testimony has revealed the worst mischief of all as a result: ballot-switching.

> The public isn't aware that at precincts ballots are dumped, counted, placed into smaller boxes, resealed, and transported (privately) to isolated downtown location where supposedly ballots are handled for first time! Common sense would dictate ballots should be escorted under lock and seal (no key at precincts) and with poll-watcher escorts to official counting location.

• Art. II, Sec. 3, Fla. Constitution (derived Separation Of Powers law passages in the US The announcement came "as kind of a Constitution): "No person belonging to one provided herein."

> Lawyers "belong" to the judiciary (court) branch of gov't. By secret unsigned ballot the Florida Bar was merged with the Florida Supreme Court (40 So.2d p.902; 1949). Therefore lawyers should follow the law like everybody else: they should resign from the Bar or from public office (outside of Court/Judiciary)!

> Insist on Truth over Power Politics & Candidates.

> Mike Calhoun, Former Dade County Commissioner [End quoting]

> This prohibition is part of the U.S. Constitution even though the writer is stressing Florida. Also remember that infamous (and presently missing) original 13th Amendment which said no lawyers should hold governmental

offices. Who do you think caused that insightful legislation to disappear? No wonder they run so many Perry Mason reruns on television-to try to keep us thinking most lawyers are like him, instead of the reality of the matter!

#### BLACK DEATH FOR TERMITES

From POPULAR SCIENCE magazine, March 2001: [quoting]

Think of it as the plague for termites. Introduced to the U.S. market late last year (it's been available in France since 1996) by Adventis Environmental Science of Montvale, New Jersey, Termidor kills termites in a whole new way.

The insecticide is applied around the perimeter in the home. When a termite passes through it, the chemical is absorbed into its fatty tissue. This creates havoc in the insect's nervous system, eventually killing it.

What's plague-like about Termidor is the way it spreads. "Termites are very social insects," says Karl Kisner of Adventis. As they feed and groom one another, the chemical spreads through the colony like a deadly virus. "They pick up a lethal dose just by rubbing up against one another," says Kisner.

Conventional termite baits kill only the insects with which they come in contact-and they take 6 to 18 months to do their work. But Termidor works in half the time, or less. "Regardless of colony size," he says, "we've always had control within 3 months". — C.W. [End quoting]

What do you think are the probable hazards to children, pets, and wild animals? Or the effect on other, innocent outdoor insects, especially beneficial insects such as those which help out with garden pests? We seem to be living in an age when each so-called solution ends up creating more problems due to the "wonders" of chemistry. Let's hope this one is a genuinely user-friendly solution to a pesky problem.

#### PERVERTED PRIORITY

From *THE SPOTLIGHT*, 3/12/01: [quoting]

While the rest of the nation is laying off workers, Congress has provided the Internal Revenue Service with authority to hire 2,036 fulltime employees this year, the Washington Times reports. The total number of employees currently working for the IRS in offices in the United States is in excess of 98,000 IRS employees. [End quoting]

What's wrong with this picture? More and more people are finding themselves the victims of a slowing economy—sometimes 5-10,000 layoffs at a time being announced almost every day from even the big-name companies-and yet we need a larger "tax police" force?!? The congressional prostitutes get away with this kind of stuff because not enough of the public bother to pay attention and let their congressional about to be voted out for bad decisions!

### Words From Our Rea

"Hello friends, blessings to you. The SPECTRUM is a great source of Truth, Wisdom, and pure Knowledge. Please give me a 1-year subscription. I also love the spiritual articles." — M.F. from MD

"Please accept my contribution to The SPECTRUM as my deepest thanks for being a recipient of your treasured newspaper! God bless you all." - K.F. from TX

"WOW!!! You people are beyond words of praise—flying high on the light and sound current of the creative GOD of LOVE. Please send me FIVE copies of Vol. 2, #9." — M.H. from WA

"Everyone—the articles and information, News Desk, the way it is put together, are astounding. I know it is a lot of work; my dad used to be in the publishing/printing field. I do not know how you do it. Mr. Martin, you sure must have a lot of contacts other than etheric, on this planet. The last article (they are all great) with Al Bielek was nothing short of stupendous information. I can't tell you how much I appreciate this kind of work. And then in the same issue—Robert Ghost Wolf's prophecies. Just EXCELLENT, everyone.

"I can't express in words, heartfelt it is, my love and admiration of your courage and persistence to keep on keeping on, and somehow bring such wonderful information month after month, and to bring the Truth. Let's be full of hope and joy every day, without fear of the future, and live in the present, knowing that somehow this all translates into money from everyone out there also. NOBODY ON THIS PLANET DESERVES IT MORE THAN ALL OF YOUAT THIS PRESENT TIME. WITHOUT TRUTH RIGHT NOW, WEARE SUNK. PERIOD." — Dr. C.M. from CA

"Enclosed is a donation to help support The SPECTRUM publishing costs. You are all doing a wonderful job, and my prayers are with you. Keep up the good work!" - B.H. from NV

"Please know that your dedication to publishing The Truth for the purpose of helping people to wake up at this pivotal point in the history of our planet is deeply appreciated." — A.H. from CA

"Dear SPECTRUM, I was astonished at the completeness and accuracy of the 'Buffalo' article on page 47 (Feb. 2001 issue). What an incredible gift! Thank you for publishing it!" — M.A. from WA

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prerequisite for the job!)

#### LIGHT-EMITTING DIODES SPEED UP WOUND HEALING

2001: [quoting]

Light-emitting diodes developed by NASA to grow plants in outer space, it turns out, can that have not healed through traditional physical generate a lot more than a little green. Scientists have also discovered that the diodes speed-up wound healing.

diabetic skin ulcers, burns, and oral sores.

setting is problematic, explains lead researcher possible with current medical procedures.

And what was that promise from President Harry Whelan. "They don't emit the appropriate Bush to simplify the tax system? Don't you wavelengths, and the machines are the size of wonder how most of our congressional refrigerators." LEDs emit infrared light at up to representatives can sleep at night? (Oh, you say 880 nanometers-wavelengths that are long they're devoid of a conscience? Maybe it's a enough to penetrate deep into bodily tissues. And because they can deliver light without heat, they are safer than most lasers.

Normally, cells get their energy from the food we eat, but cells can also use light to generate energy. In the laboratory, skin and muscle cells From POPULAR SCIENCE magazine, March exposed to the infrared light grow 150 to 200 percent faster. Whelan is also investigating whether LEDs can heal muscle and bone injuries therapy. -G.S.

[End quoting]

The idea behind this sounds very good. The In a small study, a portable flat array of LEDs right frequencies beamed to a body can greatly placed on the outside of a patient's cheek for assist in healing efforts, provided the mind about 1 minute a day helped heal mouth ulcers doesn't over-ride the energy being offered. We caused by cancer therapies. Now, as part of a have much to learn about the healing nationwide clinical trial, scientists are investigating possibilities from both light and sound. the therapy to treat such hard-to-heal wounds as Meanwhile, some of that powerful knowledge is being purposely kept from us by interests who While laser light and pressurized oxygen are know they won't be able to drain our wallets as representatives know they're being watched-and known to speed healing, their use in a clinical effectively with such simple techniques as is

### BANK LOSSES

Page 8

#### From *THE SPOTLIGHT*, 3/5/01: [quoting]

Chairman Alan Greenspan devised a seedy scheme to bail out-at taxpayers' expensebanksters who played fast and loose with bank FDIC's audit, Greenspan initiate the federal among financial insiders as the "carry trade", funds. By George Nicholas

It is not always easy to retrace the step-bystep descent of an august, powerful public official into corrupt compromises and ultimately into criminality. But in the career of Federal Reserve Chairman Alan Greenspan, the events of November 14, 1990 marked a turning point, a SPOTLIGHT investigation has found

To understand what happened that day, it is necessary to know that each year the Federal Deposit Insurance Corporation (FDIC) submits every bank whose deposits it insures to a statutes and regulations on how to deal with a American taxpayers, who were conned into thorough, top-to-bottom audit. As a result of bank driven into insolvency by its own financing the entire scheme, without ever these audits, the FDIC classifies banks into five management, Greenspan's and Corrigan's categories.

that order, to well-functioning or moderately troubled money centers. Category four is for deeply troubled financial institutions that need **billions in public funds into refinancing a** federal assistance to survive. Category five is a rare classification: it is reserved for spent, wrecked banks that require immediate federal shutdown.

a staff courier delivered a file marked "TOP SECRET-EYES ONLY" into Greenspan's hands at his Fed office.

It contained the stunning news that after as deceptively as possible. auditing Citibank, then the largest U.S. commercial bank, the FDIC had placed it into Category Five and urged its immediate closedown.

Greenspan knew that the entire U.S. banking system was in turmoil and close to real trouble, but the report about Citibank's insolvency hit him like a bombshell. The underlying causes of the mogul to sink two billion dollars into a disaster were not a secret.

Under the chairmanship of Walter Wriston, a headstrong, high-flying financier, Citibank had plunged into "buccaneer banking", transferring many of its operations to the Bahamas, where U.S. regulations and the requirements of fractional reserve banking did not apply.

Through its Nassau branch, Citibank made feckless loans across the continent, many of



in the Euromarket, sometimes profitably, the Fed very cheaply-and then to relend the sometimes disastrously. To be sure, Citibank same money to the U.S. Government by buying grew fast, but much of its increased turnover Treasury Bonds that paid between 5.5 percent represented losses rather than real gains.

The law now required that upon receipt of the takeover of this recklessly extended, insolvent commercial bank, no matter how large.

But by 1990, Walter Wriston had retired. Citibank's new boss was John Reed, a close personal friend of Greenspan and of the powerful president of the New York Fed, Gerald Corrigan. The two Federal Reserve chieftains decided to pony up the uncounted billions of dollars the rescue would cost.

decision to stage a bailout was illegal," says Dr. Categories one, two and three are assigned, in Aldo Milinkovich, a former treasury bank only there to control the little guy; meanwhile the examiner.

In the sense that it secretively diverted private bank without the consent or even knowledge of the American taxpayers who were made to pay for the bailout, it was a scam, Dr. Milinkovich added. And in the In the early afternoon of November 14, 1990, sense that the operation was set up to generate billions in profits for insider investors, the LAMB WITH "HUMAN FACE" PERISHES scheme was corrupt, he concluded.

The two Fed bosses went about the operation

Pretending that he was needed for discuss@tje.net>, 3/26/01: [quoting] "consultations", Corrigan flew to Saudi Arabia, where he went into a closed-door huddle with Prince Al-Waleed bin Talal, one of the few international investors with deep enough pockets to refloat Citibank.

Corrigan managed to persuade the Arab refinancing of the foundering U.S. bank. He did so by promising the prince that with the Fed's secret support he would find this outlay the "most profitable investment" of his life.

As soon as Citibank had the Arab cash, Greenspan turned to a curious maneuver. He began to drastically lower the borrowing costs of banks by chopping the two principal loan ratesknown as the "Fed funds" and the discount rates—directly controlled by the Federal

Reserve.

In 1991, the Fed funds rate stood at 9 percent; in six months, Greenspan trimmed it to 2.7 percent. When startled congressional committees inquired about the reasons for such drastic manipulation of the financial markets, Greenspan stoutly testified that the realignment was necessary to "preempt inflation".

GREENSPAN STUCK TAXPAYERS WITH which inevitably turned sour. It gambled heavily enable embattled banks like Citi to borrow from and 6 percent interest."

> This covert bank bailout became known because all a big bank had to do was to pick up its money at the Fed, then carry it over to the Treasury and relend it, in effect, to U.S. taxpayers at a secure, fat profit margin.

> The "carry trade" eventually broadened into a covert Fed bailout of troubled banks.

Prince Al-Waleed bin Tulal's original bail out Citibank—and make American taxpayers investment in Citibank generated an \$8 billion profit in rising bankshare prices. Greenspan acquired the reputation of a financial wizard. "In the sense that it contravened the Everyone won something—except for the bilked being told the truth about it. [End quoting]

> This is a good example of how the laws are big boys play without regard for such rules and regulations. How many other "rescue missions" like this do you think the American taxpayer has conducted—of course without knowledge? As Mark Twain noted so long ago, if we were to lock-up the REAL criminals, we'd run out of building materials.

### <u>AFTER BIRTH</u>

INTERNET, From the <para-

A lamb reported to have a face resembling a human wearing dark sunglasses has died hours after its birth in India.

The animal did not have hair on its body and had a nose, eyes, mouth, tongue and teeth like a human.

At a glance the lamb, born near Parappanangady, resembled a bald man wearing dark sunglasses.

It died immediately after birth, but its normal twin sister is said to be doing fine, reports Indian media. [End quoting]

This report is along the same lines as many circulating over the past several years of very unusual animal births. Some speculate a tie-in with the widespread, ongoing animal mutilation phenomenon.

Meanwhile, in the "public sector" cloning department (in contrast to what's been going on for decades in the super-secret underground laboratories), there seems to be a media drive going on right now to dissuade the next step of human cloning experimentation. All of a sudden we are being told that human cloning is "just too complex" and, to prove the point, animal cloning But there was no inflation anywhere in is, all of a sudden, being reported to cause a lot of sight, said veteran Wall Street loan broker defects and early deaths-that haven't been Wally Merkel. "Greenspan lied" he noted. reported to this point. It's difficult to figure "The real purpose of his rate slashing was to exactly what's going on, but maybe the "supersecret club" is getting worried about the "public sector" catching up with them.

#### VOTERS IN SWITZERLAND SAY "NO" TO EUROPEAN UNION

From THE SPOTLIGHT, by William Carmichael, 3/19/01: [quoting]

Another pothole has developed on the road to the Global Plantation, pitting the Swiss people against their leadership in a vote to join the EU.

The push toward the Global Plantation, in people's which national sovereignty disappears, took another serious hit during the first week of March when the Swiss appeared to have overwhelmingly rejected proposals to start immediate negotiations to join the EU.

Exit polls in a March 4 referendum showed 78 percent of the electorate were against the some initiative launched by the New European Movement Switzerland.

Early results showed that 22 of the country's 26 cantons had voted "No".

The Swiss government, parliament, and industry had opposed early talks as premature and argued that the Swiss needed more time to get has worked for a very used to bilateral accords with the EU, mainly on trade issues.

"The proposal puts us under unnecessary time pressure," said Swiss Foreign Minister Joseph thinks they are making is Deiss.

The Telegraph of London opined: "If anti-EU sentiment is as widespread as the vote suggests, the government would stand little chance of getting voters' approval for plans to start talks in controllers. 2004 to join in 2010 at the earliest."

has failed to bring Switzerland closer to EU membership.

In 1992, Switzerland made a formal request to join the EU, but plans were pushed to the back burner after voters rejected joining the European Economic Area, seen as a halfway house to full membership.

is particularly strong in the German-speaking northeast, where Christoph Blocher's nationalist Swiss People's Party draws the most support.

The Swiss are angry that the EU is putting pressure on them to share information on socalled tax dodgers from EU countries who deposit undeclared earnings in Swiss bank accounts. They say it would mean the end of banking secrecy—one of the pillars of the Swiss financial sector.

The Swiss and the American IRS have already established what is called a "working relationship", but it is not all-inclusive and European countries have not extended the same courtesies.

The Swiss also considered that the EU was "interfering" in their neighbor's sovereign affairs reputation". The case has wider implications for in its treatment of Austria when nationalist Joerg free speech that could extend to EU citizens who Haider's party won a share of the government in do not work for the Brussels bureaucracy. the 1999 elections.

Television exit polls showed that while 80-90 percent of Germanspeaking Swiss rejected the EU, more than 55 percent of French speakers-who are generally more pro-European—also voted "No". [End quoting]

If this was a test of receptivity toward the New World Order, then the engineers better get back to the drawing board. Or put another way, the Swiss people should expect "things" to "happen" which "help" them to not just see the value of joining the EU, but induce them to DEMAND to join it!

The same machinery long time. That is, behind every important decision that the public some well orchestrated events of mind control to induce them to make the decision desired by the

And while we're on

It was the second time that a referendum vote the subject of such persuasion mechanisms, how "aggressive, derogatory, and insulting"-taking about this, which is the more "blunt instrument" approach:

#### EURO-COURT OUTLAWS CRITICISM OF EU

From *The Spectator* for December 2000, by The Telegraph reported that anti-EU sentiment Ambrose Evans-Pritchard in Brussels: [quoting]

Now It's Blasphemy To Mock EU

The European Court of Justice ruled yesterday that the European Union (EU) can lawfully suppress political criticism of its institutions and of leading figures, sweeping aside English Common Law and 50 years of European precedents on civil liberties.

The EU's top court found that the European Commission was entitled to sack Bernard Connolly, a British economist dismissed in 1995 for writing a critique of European monetary integration entitled The Rotten Heart Of Europe.

The ruling stated that the commission could restrict dissent in order to "protect the rights of others" and punish individuals who "damaged the institution's image and



particular umbrage at the author's suggestion that the Economic and Monetary Union was a threat to democracy, freedom, and "ultimately peace".

However, it dropped an argument put forward three months ago by the advocate-general, Damaso Ruiz-Jarabo Colomer, which implied that Mr. Connolly's criticism of the EU was akin to extreme blasphemy, and therefore not protected speech.

Mr. Connolly, who has been told to pay the European Commission's legal costs, said the proceedings did not amount to a fair hearing. He said: "We're back to the Star Chamber and Acts of Attainder: the rights of defendants are not respected or guaranteed in any way; the offence of seditious libel has been resurrected."

Mr. Colomer wrote in his opinion last November that a landmark British case on free speech had "no foundation or relevance" in European law, suggesting that the European Court was unwilling to give much consideration to British legal tradition.

Mr. Connolly now intends to take his case to Europe's other court, the non-EU European Court of Human Rights in Strasbourg.

[End quoting]

The so-called "elite" controllers of this planet The court called the Connolly book are fighting like rats who are losing ground. This alive on schoolroom planet Earth!

#### SUNSPOT COUNT HAS JUMPED TO 339

INTERNET, the <para-From discuss@tje.net>, 3/27/01: [quoting]

By Mitch Battros, producer of Earth Changes TV, <www.earthchangesTV.com>.

Those of you who have been following Earth Changes TV over the years have known of the sunspot/extreme weather connection. NASA now openly confirms such a Sun-Earth equation.

would agree we have passed the known 11-year showing up everywhere. Prison guards, cops, cycle "apex" named "Cycle 23". This would medics: Together they are not "isolated suggest we are not in your typical 11-year cycle. incidences". Dishonesty and corruption in any I would further say we are not in a known 22 or uniform of authority is inexcusable. Don't get 1200 year cycle. I believe we are witnessing afraid; just get determined! Learn the truth, ask what I call a "Mega Cycle". This cycle could be for investigation, and demand professionalism for every several thousands of years (exact number your dollars. Visualize the Power of the People! unknown).

If this is so, it would match what our ancestors have said thousands of years ago when I have been a medic for the last 14 years. they were describing the current times. Science is Presently I work in North Carolina. Do you look more like they came from Hogwarts School just catching up to ancient texts. "We must know the past, to understand the present, which will tell help when you are at your most vulnerable. us of our future."

Magnetic Shifts => Shifting Ocean and Jet Stream Currents => Extreme Weather.

Watch for "record breaking" weather within the next 48 hours. Expect X-Class, M-Class, and C-Class solar flares to occur. Also watch for extraordinary geomagnetic storms and probable auroras. [End quoting]

Of course this most important solar activity is largely kept out of the evening news programsunless it is so widespread that mention must be made. The recent "red sky" aurora on Friday evening 3/30/01 was a good example of an occurrence that couldn't be ignored, though it was so downplayed (and misinterpreted) by the media as to seem to be a non-event for anyone who didn't see it firsthand due to overcast weather conditions in their area that evening. One might assume a strong correlation between all that red in the sky (which should have been dominantly blue-green if a natural aurora) and whatever is country is honest and trustworthy, you will being sprayed as part of the super-secret definitely become prey to them. Please help chemtrails project.

For those of you who have been following Geophysical Commander Soltec's messages in these pages for a very long time, it is well known that our planetary system is traveling through a high-frequency region of space (called by some the Photon Belt) that is stimulating many levels of "cleansing" phenomena-from what is happening in people, up to such large-scale things as our Sun's solar flare "sneezes". Mitch is correct to postulate a long-time cyclic nature to this "extraenergetic" activity since the Photon Belt is encountered, like a car wash stall, twice in every 24,000-year cycle of our planetary system in

Sun. Since we are just entering this highfrequency, high-energy "car wash" at this time, we can expect a lot more to be happening that hasn't occurred in a very long time of what we think of as recorded history.

#### ABUSE OF POWER BY SOME EMERGENCY MEDICS

From the INTERNET, <illusions@beyondthe-illusion.com>, 3/13/01: [quoting]

ALERT:

I am sending this to remind you that we have Today's sunspot count has risen to 339. Most to question everything. Dishonesty in uniform is - Kay Lee

> Hi, my name is John (swinston@vdh.state.va.us) and know any of us? We respond to your calls for

Did you ever take the time to come and meet Equation: Sunspots => Solar Flares => us at the local fire station? One day you or a perform is no fantasy. And the view they could loved one will depend on us to save your life at a give to some of the 1 billion people around the time of crisis. Do you know what you are getting? Like every profession in this country we have good and bad people. Do you know the difference? It could cost you your life.

> shock the toughest person, and at that point it is when I must perform at my best.

> care about you or your welfare. I have seen them steal money off dead bodies of our loved ones. I have seen them not act when they should have, and the patient has died. I have seen them do the wrong thing, causing further complications to your injuries. I have seen them do things that have paralyzed someone for life.

> families do nothing to expose them. If for one second you think every paramedic in this me expose these people. There are many of them collecting a paycheck from your tax dollars.

> In Hampton, Virginia, Medics/Firefighters are deliberately withholding and delaying care to minority patients who call 911, causing serious injury and death. I am calling for an independent investigation into these activities.

> In Hampton, the evidence is overwhelming that this goes on. In one such case, two African American males were denied treatment and care withheld for a documented 56 minutes while they bled to death.

The state EMS board is finally investigating of water.

is indeed an interesting (if challenging) time to be orbiting around the larger galactic system's central this case. Please e-mail the investigator and let him know you support an investigation, and the truth will come out.

> The investigator is Dave Cullen and he can be contacted at his dcullen@vdh.state.va.us e-mail address. [End quoting]

> It's bad enough when criminals dress-up and impersonate uniformed people of trust, like police officers. However, a very important point is made here concerning the corruption existing FROM WITHIN these various groups. Police departments have been notorious for tolerating such internal corruption, rather than weeding it out-especially when large sums of money are involved. As society continues to break down, it only stands to reason we have to be vigilant about other groups who are placed in positions of public trust, such as the medic above cautions us about.

#### GLASSES FOR THE POOR

From the INTERNET, 3/5/01: [quoting] Visionary Scientist Creates \$5 Spectacles

By Robert Davis, USA TODAY, 11/8/00

The glasses that physicist Joshua Silver made of Witchcraft and Wizardry than his lab at Oxford University.

But the simple magic the funky spectacles world who can't see clearly may give the Harry Potter look a whole new meaning.

"There is a need for an astonishingly large number of spectacles in the developing world," In my 14 years I have seen things that would Silver says. "Most of those people will never get them."

One reason millions can't get help is that there Some people in my profession really don't are not enough eye doctors in the world to fit the masses with glasses. Another, of course, is cost.

> Silver, 54, has tried to fix both. He has invented a pair of cheap glasses that can be adjusted to fit each individual's needs.

His story goes like this:

Years ago, the atomic physicist was urged by his wife to turn his inquisitive and inventive mind Most of these crimes are hidden and most toward something that would help people. He focused on the need for glasses in developing countries.

> Silver, who typically studies highly charged atomic ions, picked up a scientific trail that dates to 1879. Back then, a French ophthalmologist made a fluid-filled lens that changed shape. Injecting water between two glass lenses changed the shape of the combined lens as the water pressure changed.

> But the hydraulic device was more than an eyesore; it was mounted on a bench in the lab.

> Silver found a way to use modern materials in a product that could be worn—if not adorned.

> Silver and his team at Adaptive Eyecare (www.adaptive-eyecare.com) use elastic lenses made of Mylar, a plastic. He uses a highly refractive silicone oil between the lenses instead

The result is a pair of glasses that can cost as little as \$5 and that the user can adjust to his or techniques (such as the old Bates eye-relaxation still is-a mystery. No one so far has been able her own eyes.

By dialing big knobs on the side of the frames, the user can bring each lens into focus for each eye. The range of the glasses is minus-6 to plus-6 diopters.

The glasses don't help people with severe astigmatism, a common condition that results from of so-called "modern" life and, as Hopi Chief and a misshapen eye, but they can help both nearsighted and farsighted people see better.

Once the person can see better, the knobs and the silicone pumps are removed. They can be used later to adjust the glasses if the person's vision changes or if another person wants to use the glasses.

Silver says that about 300 people in Ghana, South Africa, Nepal, and other developing countries have benefited from the glasses. He hopes to distribute them more widely beginning next year.

A prototype that looks more appealing is being made, though Silver says U.S. eye doctors won't likely be put out of business by his glasses.

But he does think that the technology could own vision problems.

"We think you can correct your own vision" he says, but he is quick to add that everyone should have his or her eyes examined for any potential health problems. "We don't think you should do away with eye professionals."

developing nations see. [End quoting]

dilemma as it appears to solve a very worthwhile problem. Just like President Bush saying we need to drill for more oil to offset the current energy "crisis", we are subliminally told here that can't see well.

What about the fact that some very good for keeping this extremely effective information from wide public awareness?

Greed plays such a central role in the activities Spiritual Elder, Dan Evehema, cautions in his message elsewhere in this issue of The SPECTRUM, we better start to recognize and act upon what is TRULY of value for our fellow planetary dwellers. Too much of a detrimental nature has been advanced either in ignorance of the facts or in purposeful concert with the dark ones presently struggling to maintain their control of this planet.

#### **BIZARRE MALFUCTION OF** CAR KEYLESS REMOTES

Excerpted from the INTERNET, <a href="http://">http://</a> sightings.com>, 3/25/01: [quoting]

Something has caused almost all the devices lead to the day when patients can correct their to stop working in Bremerton, WA. Joel Maimon of Port Ludlow first noticed the problem when he arrived in Bremerton for work Thursday morning. No matter how many times he clicked the remote keyless entry device for his car, it wouldn't work. He wasn't alone.

For now, the glasses are helping people in Expo Buick-Pontiac dealership in Bremerton, first remote keyless entry devices use a radio signal in realized something was amiss Wednesday the 300 to 500 Megahertz range. When the This kind of news creates as much of a afternoon when a flood of customers began calling with the same problem.

By Thursday, virtually every new car dealership in the Bremerton-Port Orchard area was inundated with hundreds of similar calls from we need to supply more glasses to people who upset customers. The outage also affected unsold new cars sitting on their lots.

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The cause of the bizarre problem was-and method) have been around for a century to to explain why the remote keyless entry systems improve eyesight naturally, with an array of eye on nearly every vehicle in the Bremerton-Port exercises? Who do you suppose is responsible Orchard area suddenly stopped functioning at about the same time Wednesday afternoon and hasn't worked since. "It's strange" DeCamp said. "A lot of people are really upset."

> Speculation about the cause has ranged from solar flares, to the Mir space station, or possible interference from USS Carl Vinson or some other local Navy ship.

> But Navy officials say there's no evidence that a naval vessel is causing the problem, and experts say such a localized problem couldn't be caused by solar activity.

> A spokesman for the Federal Communications Commission in Washington, D.C., which regulates radio-controlled devices, said the agency will look into the problem if it persists.

> The malfunction, which seems to afflict all makes and models of new vehicles, disappears as soon as a car is driven outside the area. Although a few vehicles with remote entry seem to be immune to the problem, the vast majority are affected by the outage.

> Larry Sharrett, general manager of the Parr Auto Group, said all new cars at the group's Bremerton dealerships are affected, whether foreign or domestic.

"It's across the board" he said. "I simply Art DeCamp, service manager for Haselwood have no idea what's causing it." DeCamp said "lock" or "unlock" button is pushed on a handheld device, it transmits a signal to a receiver in the car that locks or unlocks the doors.

> But in the Bremerton area "something is keeping it from working by not allowing the signal to do what it needs to do" DeCamp said.

[End quoting]

The last I heard on this, from Art Bell's latenight talk-radio program, was that about the time the FCC had almost located the source of the problem, it stopped. Hmmm.

How about some secret government testings going on? Especially since similar curiously suspicious situations have also happened in other locations, but aren't being publicized. The socalled "elite" controllers are likely testing another of their "toys" with which they can paralyze our vulnerable, electronic-gadget-dependent society through the push of a button-otherwise known as non-lethal weapons.

#### UN TO CENSOR INTERNET?

#### From *THE SPOTLIGHT*, 2/26/01: [quoting]

The United Nations is planning a conference on racism to be held in South Africa this summer. High on the agenda will be what is perceived as a "problem" by the UN: what is referred to as the proliferation of so-called "bait sites" on the Internet. [End quoting]

All of the New World Order's control

APRIL 10, 2001

mechanisms and institutions are just itching to get values from zero to eight or more, increasing national prayer & fasting conference: "The cost their hands on the Internet. Any excuse that can storage capacity within the same surface area of a for attending the fasting and prayer conference be manufactured is fair game to attempt to 4.72-inch disc. suppress the free and fast exchange of information the Internet affords the common person. So far, all such excuses to control the Internet have failed, largely because so many Internet users are maintain the same cost-per-megabyte ratio of of a savvy nature and see the excuses for exactly what they really are.

Page 12

However, we must constantly remain aware of the vulnerability of the Internet to all kinds of attacks, both of a hardware (electrical) and software nature. Should we become too dependent upon it, in an "emergency" it is even easier to paralyze than the keyless entry devices described earlier in this News Desk. Moreover, has announced it won't offer consumer audio the disinformation experts have a great time products. Instead, it will license the technology to working through the medium of the Internet, especially in subject areas of great importance to awakening the people to Truth.

#### TERRORIST ELIMINATION ACT

From *THE SPOTLIGHT*, 2/26/01: [quoting]

Perhaps harkening back to his earlier days as a former staff member at the CIA, Rep. Bob Barr (R-GA) has introduced a so-called Terrorist Elimination Act that would restore to the president the right to order a "hit" on a foreign leader if the president decided that individual was somehow a threat to U.S. personnel or "national security" (whatever that Spyware now. may be or however it is defined). [End quoting]

to be more honest about the newer version of the motto of the once great United States: "If you don't agree, you die!" Whatever happened to: site about the Cosmos. "In God We Trust"?

#### THREE-IN-ONE CD

From POPULAR SCIENCE magazine, that I found. February 2001: [quoting]

No sooner had Philips and Sony announced their double-density rewritable CD with 1.3 gigabytes of storage (Electronics Newsfront, Nov. '00) than they were trumped by a triple-density CD technology called MultiLevel Recording (ML). The new 2GB ML discs hail from TDK Electronics of Garden City, New York, and Calmetrics of Alameda, California, which claim the technology requires no alteration to existing you feel your funny bone has been hit: CD recorders.

All that's needed to turn a regular CD recorder into an ML version is the addition of one or two inexpensive chips. Although MLequipped drives retain read and write backwardcompatibility with conventional CDs, discs recorded in the ML format aren't playable on today's CD drives. That's because the marks on the discs vary in length but have the same reflectivity. ML recorders create roughly uniform be speaking tonight at Calvary Memorial Church marks but with varying levels of reflectivity. So in the same space where either a zero or one is stored on a regular CD, the ML process stores

Because the technology is chip-based, ML drives will cost little more than conventional CD- a chance to get rid of those things not worth RW hardware. And ML-recordable discs will today's recordable and rewritable blank CDs. At ML's launch later this year, TDK and Verbatim will offer ML discs, and Plextor will provide the first drives. Although ML Recording is being launched as a PC recording medium, it's likely to find its way quickly into digital audio, video, and photography products.

As for double-density rewritable CDs, Philips others for data storage.

-Stephen A. Booth [End quoting]

The rate at which our consumer technology is changing is already paralyzing some from after which the choir will sing "Break Forth Into purchasing anything-for fear of their purchase Joy." becoming obsolete before they even get home from the store!

#### A FEW MORE WEBSITES FOR YOU

<www.universebooks.com/earthchanges.html>. <www.all-ez.com/cayce.index.html>.

<www.all-ez.com/ancient.htm>.

At least the crooks in high places are getting Very interesting article about 2001 Space Odyssey film.

<www.futuredynamicadvantage.com/ newparadigm/paradigmvol1.html> interesting free books to download.

#### SOMETHING TO TICKLE YOUR FUNNY BONE

From the INTERNET, John F. Winston, <johnfwin@mlode.com>, 3/27/01: [quoting]

Subject:

Something To Tickle Your Funny Bone.

Here is what a person sent me that may make

From: g

Subject: More Religious Humor

I know you have all seen church bulletin 1479, Carmel, NY 10512: [quoting] bloopers before, but there are some new ones in this group! Enjoy, and have a good belly laugh! Thank God for church ladies with typewriters. These sentences actually appeared in a church bulletin or were announced in a church service:

· Bertha Belch, a missionary from Africa, will in Racine. Come tonight and hear Bertha Belch all the way from Africa.

includes meals."

• Ladies, don't forget the rummage sale. It's keeping around the house. Don't forget your husbands.

• The peacemaking meeting scheduled for today has been canceled due to a conflict.

• The sermon this morning: "Jesus Walks on the Water". The sermon tonight: "Searching for Jesus".

• Barbara remains in the hospital and needs blood donors for more transfusions. She is also having trouble sleeping and requests tapes of Pastor Jack's sermons.

• During the absence of our pastor, we enjoyed the rare privilege of hearing a good sermon when J.F. Stubbs supplied our pulpit.

• The rector will preach his farewell message,

• Remember in prayer the many who are sick of our community.

• The senior choir invites any member of the congregation who enjoys sinning to join the choir.

• Scouts are saving aluminum cans, bottles, and other items to be recycled. Proceeds will be used to cripple children.

• Potluck supper Sunday at 5:00 P.M.— <www.lavasoft.de/aaw/index.html> Get rid of prayer and medication to follow.

• The ladies of the church have cast off <www.rense.com/general7/alchemkubrick.htm> clothing of every kind. They may be seen in the basement on Friday afternoon.

• This evening at 7 P.M. there will be a hymn <www.livingcosmos.com> Very interesting sing in the park across from the Church. Bring a blanket and come prepared to sin.

> • Low Self-Esteem Support Group will meet Some Thursday at 7 PM. Please use the back door.

• The eighth-graders will be presenting <www.beta.profusion.com> A search engine Shakespeare's Hamlet in the church basement Friday at 7 PM. The Congregation is invited to attend this tragedy.

> • Weight Watchers will meet at 7 PM at the First Presbyterian Church. Please use large double door at the side entrance.

[End quoting]

Do you think we provide adequate entertainment for any extraterrestrials observing us from their craft?

#### AIN'T MISBEHAVIN'

From GUIDEPOSTS, March 2000, P.O. Box

School counselor Piet Lammert was looking for new ways to inspire the students at East Belfast School in Maine when he heard about a program in which kids agree to perform good deeds and log them in a journal.

Piet had a perfect test case in mind: a class of 20 fifth graders who had a reputation for out-ofcontrol behavior. "They weren't bad kids, just unfocused," Piet says. "We wanted to give them • Announcement in the church bulletin for a some direction before they went on to middle school." He set a goal of 33 good deeds per student, totaling 660 acts of kindness altogether, over the year.

The kids took to the idea with surprising enthusiasm and, one by one, the deeds piled up: visiting a nursing home, organizing a penny drive for the local animal shelter, shoveling snow for a neighbor, taking notes for sick classmates, rescuing stray cats during a storm. Every day the kids traded stories of their latest acts of charity and the class bonded in a way neither Piet nor their teacher, Trudy Eldridge, had ever seen before.

The class reached its mark of 660 deeds before the end of the school year—and kept on going. "We lost track after seven hundred and fifty," says Piet. "And a few kids have started their third journal already." Nowadays it isn't the kids, but the kindness, that's out of control at East Belfast! —Catherine Scott

[End quoting]

If you're in any way associated with school systems in your area, please get this news item to them. More often than not, children just need something more positive than bloody, mind-numbing video games or MTV to focus on in order to blossom. The school of personal experience is still the best teacher we have!

#### NEVER UNDERESTIMATE THE POWER OF GOD

From the INTERNET, <para-discuss@tje.net>, 3/29/01: [quoting] A man recently told a story about the pastor of his church:

He had a kitten that climbed up a tree in his backyard and then was afraid to come down. The pastor coaxed, offered warm milk, etc. The kitty would not come down. The tree was not sturdy enough to climb, so the pastor decided that if he tied a rope to his car and drove away so that the tree bent down, he could then reach up and get the kitten.

He did all this, checking his progress in the car frequently, then figured if he went just a little bit further, the tree would be bent sufficiently for him to reach the kitten. But as he moved a little further forward, the rope broke. The tree went "boing!" and the kitten instantly sailed through the air and out of sight!

The pastor felt terrible. He walked all over the neighborhood asking people if they'd seen a little kitten. No. Nobody had seen a stray kitten. So he prayed: "Lord, I just commit this kitten to your keeping" and went on about his business.

A few days later he was at the grocery store, and met one of his church members. He happened to look into her shopping cart and was amazed to see cat food. Now this woman was a cat hater and everyone knew it, so he asked her: "Why are you buying cat food when you hate cats so much?"

She replied: "You won't believe this" and told him how her little girl had been begging her for a cat, but she kept refusing.

Then a few days before, the child had begged again, so the Mom finally told her little girl "Well, if God gives you a cat, I'll let you keep it."

She told the pastor "I watched my child go out in the yard, get on her knees, and ask God for a cat. And really, Pastor, you won't believe this, but I saw it with my own eyes. A kitten suddenly came flying out of the blue sky, with its paws outspread, and landed right in front of her!"

Never underestimate the Power of God!

[End quoting]

Perhaps we should keep this suggestion in mind as we go about our day—especially when we come up against those seemingly impossible challenges that life brings every so often.  $\triangle$ 

"I CHOOSE to realize that, whereas the illusion is that I am a human being having some spiritual experiences, the reality is that I am a spiritual being having some human experiences."

From: THE BOOK OF CHOICES: Keys To Enlightenment, by Allisone Heartsong (See page 29 for ordering information.)

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Available from Wisdom Books & Press Please see next-to-last page for ordering information or call toll-free: 1-877-280-2866.

## Skolnick's Report On **Crooks In High Places**

Editor's note: Once again Sherman Skolnick and his well-earned resources share Japanese mafia, the Yakuza, led the "run" on the some astonishing information that is "just a bit" at odds with the controlled print & broadcast falsely informed their twenty billion dollars of firm, was run by what some called a wizard, news media's tall tales. In fact, some of Sherman's stuff is too hot for frightened media Unlike actual banks, bank holding companies are the firm's founder, Serafino Ferruzzi. Their "professionals" to even consider running—as you'll read below.

#### APRIL 2001 SHERMAN H. SKOLNICK

(skolnick@ameritech.net) (http://www.skolnicksreport.com)

Marc Rich—Swindling The Pope's Soybean Company (3/14/01)

The Pope and his advisors had good reason to believe Chicago was the place to conduct business. The Windy City has the largest number of Catholic Church parishes of anywhere in America. Under Church provisions and Illinois law, the Catholic Archbishop of Chicago is a Corporation Sole. A little-known one-man corporation is not the usual image, however, of big business. And the Archbishop of Chicago has much more power than just any Archbishop.

He is also the treasurer for Church funds from the entire western hemisphere. Traditionally, such huge cash flow was deposited in the Continental Bank of Chicago.

stockholders of the bank was Walter Cummings, its years, controlled by the Irish Catholic firm, Dwayne Andreas, should have gone to Jr., who was a "man of trust" for the Churchthat is, trusted to secretly handle the Church partners and advisors, the Rothschilds. These assets. And Cummings, also for many years, was the chief judge of the U.S. Court of Appeals, 7th Circuit, headquartered in Chicago and one step below the U.S. Supreme Court.

As a reality, his court was the end-of-the-line for most federal cases from Illinois, Wisconsin, and Indiana, since the high court in Washington agrees to consider only a few petitions a year. (Cummings did NOT disqualify himself in appeals involving his bank. Guess who won in his crooked court?)

When Continental Bank collapsed in 1984 (two months after I accurately publicly predicted it), judge Cummings used his huge influence as illegal flows of cash masquerading as soybean rightfully could and would push them into a banker-judge to quietly warn local lawyers not trading in Chicago. Clandestine gold deals default. Under the terms of the commodity to try to get wealthy by sueing his bank, on for the American CIA were disguised by Rich exchange contracts, their failure to make good behalf of other stockholders, for plainly evident and his gang as soybean deals, and would mean that Ferruzzi would own them, mismanagement and bank fraud.

As exclusively then detailed by me, the bank's holding company, where they had been flight capital would be in a "bank of deposit". and the Rothschilds), took over Continental Bank

store chain, Carson Pirie Scott & Co., had been adjoining Chicago, and was the dominant force headquartered in Chicago. And Vatican-owned Hines Lumber, a giant in its field, was reportedly owned or linked to Vatican enterprises. bigger presence in the soybean markets, the Commonwealth Edison, the electric monopoly headquartered in Chicago, is one of the largest power firms greatly dependent on nuclear facilities. A government report showed that the Dutch Catholic financial octopus, Robeco, owned by the Vatican, is one of the largest owners of Commonwealth Edison. A federal law forbids a foreign power (like the Vatican) to own nuclear facilities in the United States. A Chicago researcher who complained about this Bank of Credit and Commerce International, had her electric shut off arbitrarily. (Lots of BCCI, interlocked with the secret dirty dealings details; scroll down our website to "The Electric of Marc Rich. Scandal".)

For many years, one of the largest the Chicago Board of Trade has been, almost all headquartered in Illinois. A principal of the aristocracy, jointly with the Vatican's financial were people who understood things and took actions on their own, not as part of the common their items, not soybeans, and their top people. And their acts and doings are not to be management has been found guilty and blamed on ordinary Irish Catholics collectively.

> they could succeed in becoming a major competitor in the soybean business in the U.S., in a place the Pope thought to be friendly to the Vatican's interests. What the Vatican and their and ADM, in soybean contracts with Ferruzzi, soybean executives did NOT know or understand is the operation of worldwide criminal Marc Rich.

Real name Reich, Rich laundered huge conversely, soybean trading disguised as since the contracts were in such large amounts.

#### smuggled gold deals.

A principal partner to Marc Rich and his pirates has been the family of George Herbert Walker Bush-that is, the Elder Bush and his sons, George W., Jeb, and Neil. As shown by secret Federal Reserve wire transfer records, the Bush family laundered the proceeds from worldwide illegal dealings through a joint account with the Queen of England, through the bank owned by the British monarch, Coutts Bank London. (Visit our website series "Greenspan Aids And Bribes Bush" with documentation there.)

Ferruzzi Finanziaria S.p.A., the agro-holding Raul Gardini, who had married the daughter of not insured "banks of deposit". To appease the operation in the U.S. was called Central Soya oriental underworld, several divisions of the Co., of Ft. Wayne, Indiana, and Ferruzzi bank were turned over to the Yakuza. In later U.S.A., Inc., with principal offices in Louisiana. years, Bank of America, reportedly largely Those who understood business realized Ferruzzi owned by the Yakuza (jointly with the Jesuits was actually owned and supervised by the Vatican Bank, and by the Vatican Bank Chief, Bishop Paul Marcinkus, who originally once ran For years the Vatican-owned department a Church in the mafia enclave of Cicero, in First National Bank of Cicero.

> The Italian firm was getting a bigger and Chicago Board of Trade. Fair and square, following the exchange rules, Ferruzzi had cornered the market in 1989 when there was a drought expected. There was a shortage of soybeans. Ferruzzi's main competitors included Cargill, the highly secretive, privately owned firm, headquartered in Minnesota. Cargill conducted a great deal of clandestine business through the U.S./French/Israeli espionage-linked

Another Ferruzzi competitor was Archer-The Vatican found comfort in the fact that Daniels-Midland, the highly political firm prison in the Watergate affair for laundering funds for the Nixon Whitehouse. (From 1995, ADM was accused of price-fixing certain of sentenced to federal prison.) ADM is the So the Vatican had good reason to believe sponsor of several TV network commentary programs. So the monopoly press tells us little, if anything, about the crimes of ADM.

> In view of the circumstances in 1989, Cargill had taken a wrong position. To fill orders, both domestic and foreign, Cargill and ADM would have to come to terms with Ferruzzi, who bet heavily in opposition to them. The Pope's firm

reportedly had a malign influence on the Clinton operation through the Mena, Arkansas Trading Commission, permitted and condoned Chicago Board of Trade. The then Chairman of Airport. Funds transferred through Garfield this corruption, including the Chicago Board of that commodity exchange, by Emergency Trust & Savings Bank of Chicago, a principal Resolution, July 11, 1989, changed the rules in owner of which has been defrocked, ex-convict malign and corrupt influence on George M. the middle of the game. Ferruzzi was ordered to Congressman Dan Rostenkowski. From there drop most of their position in soybeans.

against the Chicago Board of Trade in Chicago's with the connivance of Marc Rich, disguised as highly corrupt federal district court. (Ferruzzi Trading International, et al., vs. Board of Trade of City of Chicago, No. 89 C 5469.) The case my weekly one-hour television show, I and an was assigned to Chicago U.S. district judge associate of mine, Joseph Andreuccetti, were James B. Zagel, a close crony of former Illinois governor Jim Thompson.

(In November, 1994, on our one-hour public-access cable TV program, we demonstrated how "Big Jim", as he is called, and his circle are kingpins in the "China White" high purity heroin smuggling into Chicago matter of court record in Sherman H. Skolnick judge Marovich, to gain a financial advantage through small suburban airports. In later years, and Joseph Andreuccetti, plaintiffs, versus and to cover up the defendant's massive illicit through interviews, we found out that Zagel, Hillary Rodham Clinton et al., defendants, case transactions through the Chicago markets and through "Big Jim", is reportedly tied to Marc No. 96 C 4373, U.S. District Court in Chicago, Rich. Big Jim has been Chairman of the assigned to the selfsame Judge George M. worldwide lawfirm, headquartered in Chicago, Winston & Strawn. According to our TV show, they have an inner secret unit, not actually in the "law business", transacting smuggling in contraband such as dope. This, through Hillary Rodham Clinton, and her law partner, Switzerland, home-base of Marc Rich.)

Zagel was not about to let Ferruzzi default representatives, and investigators from litigation." Cargill and ADM, and Ferruzzi end up Fayetteville, Arkansas and elsewhere". owning their business. The judge, with little fanfare, arbitrarily denied the injunction. Rodham) Clinton, in conjunction with her Ferruzzi was forced to dump their contracts and positions on soybeans. Thousands of farmers were ruined, some bankrupted, some committed suicide.

How did this happen? How could it be that, at a time of soybean shortages, with not enough to meet domestic demand and for export, soybean prices collapsed instead of going up?

In the U.S. District Court in Chicago was brought a purported class-action lawsuit on behalf of angry farmers (American Agriculture Movement, Inc., et al., vs. Board of Trade of City of Chicago, case No. 89 C 8467). It was assigned to Chicago federal district judge George M. Marovich, a long-time banker whose bank, South Holland Trust & Savings Bank (in a Chicago south suburb) was a correspondent bank of Continental Bank of Chicago, mothership at the time of the commodity markets and the Chicago Board of Trade.

Presidential campaigns are planned four or more years in advance. Hillary Rodham Clinton was linked to a group of bankers, lawyers, and investigation of said group showed that the others from Fayetteville, Arkansas and elsewhere in that state. The Chicago Board of Trade was part of a money laundering apparatus, orchestrated by Marc Rich and his gang, washing illicit funds, such as from dope, for the 1992 presidential campaign of Bill Clinton. Such as, washing dope money from the CIA/ to Skolnick that corrupt federal commodity Trade: You shouldn't be telling him (pointing to

To save themselves, Cargill and ADM George Herbert Walker Bush/Ollie North/Bill regulators, such as the Commodity Futures the funds were sent through the Chicago Board Ferruzzi brought a suit seeking injunction of Trade and Chicago Mercantile Exchange, soybean dealings.

> As a result of investigating the foregoing for placed on Hillary Rodham Clinton's "enemies list" to be arbitrarily hounded and harassed by her Gestapo-doing dirty tricks to try to stop us. We detailed a number of these illegal things said group, defendant Clinton and Foster mishappening to us as a result of being on her used plaintiff Skolnick, an electronic journalist "enemies list". The undisputed details are a and court reformer; for defendant to blackmail Marovich.

Here are some excerpts from the undisputed court records:

business partner, Vincent W. Foster, Jr., by and through bankers, lawyers, and representatives, sought, and obtained, a meeting with Skolnick agents, and investigators, sought and obtained a and Andreuccetti. meeting with plaintiff Skolnick. Said group INCLUDED A DIRECTOR from Fayetteville, Arkansas and elsewhere in Arkansas, and other places.... Skolnick was informed that said group had a financial interest in the billions of dollars of transactions in a class action in the federal courts in Chicago, entitled American Agriculture Movement, Inc., et al., plaintiffs vs. Board of Trade of City of Chicago, et al., defendants, No. 89 C 8467, in distribution. the U.S. District Court.... At a later date, Skolnick became aware that said transactions place, with Skolnick asking the questions, were part of a massive, illicit enterprise, laundering dope funds such as from Mena, Arkansas, to raise funds for the 1992 Presidential election campaign of Bill Clinton, in which defendant Clinton played a key role along with Vincent W. Foster, Jr and defendant Amy Zisook, chief fund-raiser for the '92 campaign."

presiding judge in said litigation, U.S. District judge George M. Marovich, was acting in a corrupt manner and under a malign influence, to favor the defendants therein, including the Chicago Board of Trade."

Trade and their officials in a position to work a Marovich as banker and judge. The following colloguy took place:

"Question by Skolnick: Do you wish to 'go public' with this, to finger judge George M. Marovich, such as being guests on my show?

"Answer: Not just yet.

"Question by Skolnick: Or do you wish to strong-arm and blackmail judge Marovich for your own financial advantage?

"No answer was given.

"By said acts and doings, by and through massive tax evasion; and for the purposes of defendant covering up the related matters of the 50 million dollar transfer referred to herein.... Said group acknowledged and confirmed to Skolnick that judge Marovich, individually and • "That the financial interests of defendant through persons financially associated with him, and through banks acting in conjunction with Vincent W. Foster, Jr., were interwoven with him and them, speculates in the commodity Disregarding the law and the facts, judge certain lawyers, bankers, and agents, markets in the selfsame commodities in said

> The undisputed federal court records detail a • "On December 1, 1991, defendant (Hillary meeting with the other side of the soybean litigation pending before judge Marovich:

"That on January 15, 1993, certain persons SAID MEETING OF THE CHICAGO BOARD OF TRADE AND PRINCIPALS OF TWO TRADING MEMBER FIRMS. They informed plaintiffs (Skolnick and Andreuccetti) they were undecided whether they wanted to appear as guests on Skolnick's publicaccess cable-TV program Broadsides, in which Andreuccetti assists in the production and

"During the meeting, the following took Andreuccetti observing, and a director of the Chicago Board of Trade answering:

"Question: In the case against you, American Agriculture Movement, Inc. versus The Board of Trade of the City of Chicago, is it true judge Marovich was somehow corrupted?

"Answer: Yes, it cost us 62 million dollars • "Skolnick was informed that the between the judge and those in the appeals court.

"Meaning to be understood by said director, and was so understood by plaintiffs, that it included judges James B. Zagel and Joel M. Flaum among others.... Thereupon, a trading firm member principal reached across the table • "Said group acknowledged and confirmed and said to the director of the Chicago Board of Trade director answered.

"Answer: I am telling him (meaning Skolnick) because he probably already knows and it is bound to come out and we're all going to be blackened. You (referring to the principal of the trading firm member) know we had to do it.

confirming you paid off the judges, including judge Marovich?

"Answer Yes.

"Meaning to be understood by the director, and so understood by plaintiffs, that the bribery happening of the meeting to blackmail a financial advantage of CFTC and Marovich."

Note: By the year 2001, judge Marovich has become a senior district judge. Judge Zagel still sits in the U.S. district court. Ripple is still a judge on the federal appeals court where judge Flaum has become the chief judge. Eschbach is no longer there.

Further excerpts from the undisputed federal court records in case No. 96 C 4373:

"Whereupon, in July, 1993, defendant Clinton, by and through directors and officials of the Chicago Mercantile Exchange, sought and Milan, Italy, show that Gardini was, in fact, obtained a series of meetings with Skolnick and Andreuccetti, as follows. On July 14, 1993, in the presence of those officials and directors, and an Exchange security official, Andreuccetti pushing Skolnick in his wheelchair, plaintiffs were escorted around the entire floor of the Chicago Mercantile Exchange, during a trading session. Skolnick was told that this was the first time a person in a wheelchair was on such a tour. Many of the Exchange's employees stopped their activities when Skolnick was rolled past, and asked Skolnick and Andreuccetti, 'Are you investigating us?' and followed by 'we watch your show'. Skolnick simply smiled and responded, 'I am enjoying the tour.'

"Thereafter, Skolnick and Andreuccetti met with the directors and officials of the Exchange in a snack shop. Skolnick was told 'There is no basis to you investigating and raising questions about the Merc and the First Lady and her associates (meaning Vincent W. Foster, Jr., the then newly appointed Clinton White House deputy counsel). There is no basis to it. Everything's out in the open here.'

"Skolnick, in the presence of Andreuccetti, simply smiled and responded, 'I am enjoying the tour.' Whereupon there followed a luncheon with the Merc's directors at a nearby restaurant. Substantially the same dialogue took place at said meeting also. Some six days later, Foster was found mysteriously dead, some say murdered."

Note: Compare the July 14, 1993 date with

Skolnick). Whereupon the Chicago Board of detailing the tie-in between Foster and Marc crony, John E. Gierum, who supervised the 50 Rich and a failed attempt by then FBI Director million dollar illegal transfer, was one of the William Sessions to have Rich grabbed on the defendants in the "enemies list" case.) Swiss-French border.

court records in No. 96 C 4373:

Hogan, Jr., was, in effect, the representative in about the bribery of the federal judges in order "Further question by Skolnick: Are you the U.S. Attorney's Office in Chicago of (1) the to ruin the Pope's soybean business, Ferruzzi. office of the Catholic archbishop of Chicago; (2) He knew about the role of Marc Rich in the The Vatican Bank and Bishop Paul Marcinkus bribery of the federal judges to stop the Vatican who was Vatican Bank chief up to November, from competing in the soybean markets with 1991; (3) The Pope."

• "Marcinkus' nephew/godson, Christian included judges Zagel, Flaum, Ripple, and Henning, Jr., by falsely claiming to be Joseph George M. Marovich refused to hear the Eschbach. At a later date, Skolnick found out Andreuccetti's business partner, caused "enemies list" case against Hillary Rodham that said group at said meeting used the Andreuccetti to be defrauded of many millions Clinton, and others. The judge cited a ridiculous of dollars as hereinafter stated.... Yet, at a time reason, that there were too many facts, dates, of soybean shortage, because of this corruption, soybean prices went down when they should have gone up. As a result of the corruption, thousands of soybean farmers were ruined, some bankrupted. Another result of the judicial corruption, Ferruzzi lost upwards of a billion dollars and the chief of their holding firm, Raul Gardini, who had married into the Ferruzzi family, and was considered a wizard, committed suicide, July, 1993."

> murdered, about the same time as the apparent use the shopping center as a way to launder murder of Vincent W. Foster, Jr. Other illicit funds. The top revenue officials assist the interviews support our position that Marc Rich reportedly arranged not only for the bribery of the Chicago federal judges, the largest judicial bribery mess in U.S. history, but the apparent arrangement to murder Ferruzzi chief Raul Gardini in the same time period as Foster.)

More excerpts:

• "It was no mere coincidence—for the related benefit of defendant Hillary Rodham Clinton, who along with her business partner Vincent W. Foster, Jr., had massive interest, the Clinton Justice Department torpedoed Ferruzzi's informal representative in the U.S., William R. Hogan, Jr., an Assistant U.S. Attorney in Chicago. Hogan, the lead prosecutor in a group of cases against the El Rukns, a narco-terrorist street gang in Chicago, was accused by the Justice Department of alleged misconduct in the El Rukn cases in 1993 and put on administrative leave. Hogan countered that the Justice Department knows full well, but takes no action, that six federal judges in Chicago are corrupt and take bribes, including Chief U.S. Bankruptcy Judge John D. Schwartz."

(Note: Judge Schwartz kept Andreuccetti falsely in INVOLUNTARY bankruptcy for fourteen years as part of a scheme to cover up the disappearance of 50 million dollars belonging ended in the U.S. Court of Appeals in Chicago, to Andreuccetti, secretly transferred to Little with the same judges who were bribed to Rock, in an attempt to cover up a 47 million destroy Ferruzzi. Although we had a statutory dollar Savings & Loan embezzlement, for which right to have our appeal heard, the judges the July, 1993 dates in our website story "Marc Bill and Hillary Clinton are subject to federal refused to consider our appeal, sent back our Rich And Others, Fingered By A Letter" criminal prosecution and jailing. Hillary's family briefs in a box, and entered an illegal and

Using inside details he knew that his bosses More excerpts from the undisputed federal at the Justice Department knew about but took no action, Hogan was, using apparent blackmail, • "That assistant U.S. attorney William R. restored to his job with backpay. He knew ADM and Cargill.

> Disregarding the law and the facts, judge and details for him to consider. Hillary's attorneys were in a position to blackmail judge Marovich not only on the bribery of the judge in the soybean case involving Ferruzzi as well, but also based on the judge's mandatory annual financial disclosure report which shows judge Marovich owns a west suburban shopping center, Cermak Plaza, near First National Bank of Cicero.

Our investigation showed the IRS and State (Later interviews with the Ferruzzi family, Revenue top officials are silent partners in the shopping center, and various gangster enterprises gangsters to evade taxes. Also note Congressman Henry Hyde escaped a federal agency judgment against him for causing the downfall of a suburban S & L of which Hyde had been a director. Hyde headed the House Judiciary Committee with power to impeach judges. Hyde was in a position to know about judge Marovich and the gangster/top government officials/judge Marovich shopping center. You guessed it-judge Marovich had the case against Henry Hyde and turned him loose.

> So Marc Rich, using bribery and murder, destroyed the Pope's soybean business in America. And Marc Rich was enabled to do this with the connivance of some in the soybean markets, the Justice Department, and the American CIA, and others. The Vatican lost billions of dollars. And a French firm took over Central Soya, a Ferruzzi enterprise, and reportedly shared the business with the Riady family, ethnic Chinese, who owned the tiny First National Bank of Mena, Arkansas, a transit point for hundreds of millions of dollars shuttled up to the Chicago markets disguised as soybean dealings.

In the "enemies list" dismissal by judge Marovich, we took an appeal which, of course,

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poisonous ruling that I and my TV associate, Rodham seemed to prosper during the some 15 Wisconsin. The U.S. Supreme Court refused after dopers. our petition to remedy this outrage.

To justify these terrible things inflicted on the Vatican and Ferruzzi, what supposed "crime" did the Pope commit? That the Vatican, fair and square, wanted to be a major player in soybean subject to blackmail because she cavorted trading in the U.S.? In America, and certainly with lesbian prostitutes and that she is a reportedly been directly implicated in the in large cities like New York, Chicago, and Los fallen down drunk who assisted known massive dope from Red China and Colombia Angeles, there is a non-statutory offense, that is criminals. His offer of testimony and evidence coming across the border from Canada. Sidean unwritten crime: It is called simply "failure was likewise rebuffed by the U.S. Senate kick of Bill and Roger Clinton, Ollie North, and to bribe". Of this the Pontiff certainly was "guilty".

More coming on the Ferruzzi Affair. Stay tuned.

#### Pardongate And Bushfraud (3/18/01)

Some continue to assert that George W. Bush is a tainted president who took the seat of part of a "fascist coup".

Administration as Pardongate. Thus referring to a foul smell going up from some of more than 170 presidential pardons and commutations interwoven with laundering the funds of dope border: "Nelson not only recruits the law Clinton entered at the last moments of his kingpins disguised often as huge real estate enforcement officials and politicians he needs, he apparent constitutional authority.

A profound consideration of the events and players involved show there are links between Pardongate and Bushfraud.

Some of the players and events:

• HUGH RODHAM: brother of the former First Lady HILLARY RODHAM CLINTON elected in 2000 as a Senator from New York.

if not actual bribes, to arrange to set loose a CIA officials, together with those of the U.S. group of Hassidic Jews who swindled the Drug Enforcement Administration in Venezuela, federal government of some \$30 million with a fake village development. Available to federal U.S., supposedly to study how the dope cartel AMERICA by Rodney Stich, page 297 and page grand juries looking into possible corruption by Clinton as president are audio tapes and other evidence directly implicating Hillary as reputed "bag lady" for her husband, evidence which may become the basis of a federal criminal indictment of her, and naming Bill as an unindicted coconspirator, for receiving financial benefits and emoluments as a bribe or inducement to get her husband, then president, to pardon the culprits.

As a Miami lawyer, Hugh Rodham seems to specialize in defending—if not actually arranging 15-year sentence for being the top dog in a drug the affairs of-sizeable dope traffickers. He is ring that distributed 800 lbs. of cocaine. The Racicot was trusted because he was reportedly reportedly very knowledgeable on cocaine jail-bird's father, Horacio, a wealthy Los part of the Bush family's worldwide laundering trafficking from Colombia, involving the dope Angeles parking lot owner, donates to political of hundreds of billions of dollars of illicit cartels as well as, more recently, the activities of campaigns. The younger Vignali is reportedly dealings through 25 secret Bush accounts the Russian mafiya combined with those illicit very well-informed about the dope from worldwide. (Visit our website series called enterprises, all jointly with international criminal Colombia smuggled across Canada and entering MARC RICH, likewise pardoned by Clinton. across the border to Montana.

Joseph Andreuccetti are barred from being in years JANET RENO was a south Florida state of the Rockefeller family, together with other any federal court in Illinois, Indiana, and prosecutor who somehow did not see fit to run data, convince us Bill Clinton is the illegitimate A Florida attorney, Jack Thompson, ran unsuccessfully to unseat Reno in 1988 as state prosecutor. The monopoly press, he contends, failed to report or act on his evidence and witnesses showing Reno was Committee in 1993 that ratified Reno's the Elder Bush, namely Barry Seal, up to the appointment to head the U.S. Justice time Seal was murdered by the American CIA Department.

acts and doings of Hugh Rodham and Janet an alternative to coming in through the southern Reno were interwoven with JEB BUSH, who states, such as at Mena, Arkansas, which had became Florida Governor. (Corruption knows no political party.) For a period starting about 1977, with his Latino wife, Jeb was stationed in involved in the Montana operations described it Venezuela, where he headed or played a key as: "An aircraft departs Colombia, flies to the role in the branch of Texas Commerce Bank Bahamas to rest and refuel, and then, when a owned in great part by his father, George power under circumstances they call Bushfraud. Herbert Walker Bush and his circle of oil-soaked Nova Scotia or Quebec. Again, rest and refuel. Some go even further, and proclaim that the confederates. Only rarely mentioned in the Then continue to a US-Canadian border landing Elder Bush, and sons Jeb and George W., are monopoly press is that a sizeable portion of the strip." dope money coming back to the Colombian Others call the final hours of the Clinton cartels is transacted through next-door acts and doings of FBI senior agent Terry Venezuela.

> projects, some of which went under, damaging can also supply data from the law enforcement innocent investors. Jeb was also the eyes and ears on occasion of the American CIA in Customs TECS II, EPIC, FBI, and others Venezuela. In its most direct role, the CIA acts as the petroleum police in foreign oil fieldssuch as for the Rockefeller family, who own and dominate most oil production in Venezuela.

In a rare documentary, CBS' 60 Minutes Hillary is accused of taking massive benefits, program once showed how apparently corrupt Bureau of Investigation, continues to provide his participated in large shipments of cocaine to the operates—as if they did not really know.

> who says he did business with Jeb, has P.O. Box 5, Alamo, California 94507.) numerous details in his book and on his www.almartinraw.com website.)

Upon receiving two hundred thousand dollars as a fee, Hugh Rodham arranged with his brother-in-law, William Rockefeller Clinton, to commute the jail sentence of CARLOS VIGNALI, who had served just six years of a Montana Governor Marc Racicot was the trusted

(Our interviews with middle-level members great grandson of old John D. Rockefeller, founder of the infamous Standard Oil Trust.)

• MARC RACICOT: his term as Montana governor ended in January 2001. Knowledeable law enforcement personnel as well as several crusading journalists have contended Racicot has and the DEA to shut him up, arranged the dope Those in a position to know proclaim the traffic from Canada through Montana. This was become too well known.

> A former undercover government operative weather window opens, continues the flight to

The former operative goes on to detail the Nelson, of the southern Florida FBI office, who From that point, Jeb reportedly became has business and relatives near Montana-Canada arena such as the DEA NADDIS computer, involved in ongoing investigations. Nelson then provides this intelligence to his drug contacts. This helps obstruct any investigation and diffuse potential problems.

"Terry Nelson, a senior agent of the Federal valuable services to drug cartels and others who will pay his fee, out of his FBI office in southern Florida." (Excerpts from DRUGGING 294; as to Barry Seal, chapter on "Montana (A former espionage undercover operative, Drug Gateway"; 1999, Diablo Western Press,

> Others contend that the Clinton White House blocked Canadian law enforcement from serving an arrest warrant on Nelson when he was in the area.

> During the Presidential election turmoil in Florida in November and December 2000, then "hatchet man" for George W. and Jeb Bush. "Greenspan Aids And Bribes Bush Family" with attached documents.)

Racicot, together with operatives linked to Florida senior FBI agent Terry Nelson, jointly foregoing include the acts and doings of Harris, who played a key role in what some call with Hugh Rodham, reportedly arranged to pardongate offenses overlapping onto election Bushfraud. She was an instrumental player by convey financial benefits and emoluments (called, by some, straight-out bribes) to top DEMOCRATIC officials in southern Florida to arrange for the DEMOCRATS to arbitrarily stop the recount of ballots. This was done to prevent Albert Gore, Jr., from winning Florida's essential Electoral College vote and hence the U.S. Presidency, after Gore had already won the national popular vote by a plurality of more than six hundred thousand votes. The funds for the financial benefits, or bribes, were made available through Marc Rich and his cronies in the Russian mafiya, which have joined forces with the Colombian dope cartels.

• ROGER CLINTON: reportedly solicited and received a two hundred thousand dollar pardongate bribe from the family of a convict in interviewed by the press. federal prison on fraud charges. The bribe was reportedly shared by Roger with brother Bill, at House has ordered the American Gestapo (the confided to us that the details in this report are the time President, who did NOT grant the FBI) to severely threaten and harass network known by them to be substantially correct. pardon.

office, and supplies services, as he is paid. A stupid crook takes the bribe and reneges.

Part of the Roger Clinton pardongate was the ostensible smuggling of dope into the U.S. from Southwest Red China, disguised as commodities. Roger Clinton and his cronies apparently laundered the proceeds through two Chicago commodity brokers known to be fronting for the confided to us that he and his associates are Red Chinese dope trade, called "China White". (See the reportedly related stories on our website as to Rahm Emanuel, former Clinton White House senior advisor, more recently managing director of Wasserstein Perella & Co., reputed experts on laundering illicit Asian dealings; also, REFCO-LFG Division [Richard Friedman & Co.], a Chicago-based brokerage.)

The Roger and Bill Clinton dope trafficking proceeds are laundered as currency and crew members, as well as news managers, commodity deals on the Chicago Mercantile Exchange and the Chicago Board of Trade. Bill as President often visited the Merc, as the fountain of illicit funds. Alleged President George W. Bush follows the pattern of his crony, Bill Clinton, and shortly after being inaugurated, George W. likewise came to the fountain of money, the Merc, to put the arm on them.

Several federal grand juries have testimony available, or already under subpoena, and in some instances, as of the date of this posting, already heard, showing the following among other things:

(1) Roger Clinton may be indicted for various federal criminal offenses along with Tony and Hugh Rodham, and Hillary Rodham Clinton as part of details of pardongate. Facing being named in this as unindicted coconspirators are William Rockefeller Clinton, commonly called William Jefferson Clinton, and his close crony, George W. Bush.

fraud of: former Montana governor Marc which Al Gore, Jr., was kept from being Racicot; Florida senior FBI agent Terry Nelson certified as the winner of the Florida election, and confederates; and Florida governor Jeb and hence, kept from having the Electoral Bush; and super criminal Marc Rich.

(3) To avoid federal criminal indictment, or being named as unindicted co-conspirators, some of the foregoing persons have given testimony or have earlier written about, Gore won the are offering testimony against some of the others.

Reporters of all three major news networks have already interviewed (or have sought to interview) various witnesses as to the foregoing, including those available to testify (or have already testified) against Roger Clinton. All the chief judges in charge of the federal grand juries, "gag order" preventing witnesses from being

Despite that, the George Bush 2nd White reporters and executives; the FBI is claiming that An "honorable" crooked politician sells his the media people are supposedly "obstructing justice"—for example, by interviewing witnesses fingering Roger Clinton, wherein brother Bill, along with crony George W. Bush, would be named as unindicted co-conspirators, along with Marc Racicot and international criminal Marc Rich.

> An official of one of the news networks fearful for their lives, in view of the severe threats by the FBI at the behest of the Bush White House.

> All three major networks have so far embargoed video and audio tapes of interviews as to both Pardongate and Bushfraud. The FBI, according to the official (and confirmed by his associates), has threatened network reporters, TV and Radio producers, and supervisors.

> Key sources and eyewitnesses have confided in us, knowing that we have a 40-year absolute policy against divulging sources and witnesses of our data. In 40 years, as the head of our research and investigative group, I have been jailed some 8 times, wheelchair and all, for "contempt of court", for absolutely refusing to divulge witnesses and sources to state and federal authorities publicly accused by us of high-level corruption. In each instance, after being falsely and unlawfully jailed, I was later vindicated, and the judges involved were themselves sent to prison for bribery, tax evasion, and other crimes, as I had publicly accused them to their face. (Visit our website for the four-decade background of our work.)

> As part of a much lesser mess, reporters of Newsweek and TIME magazines have reportedly compiled sufficient sources and records to show that Florida governor Jeb Bush and alleged President George W. Bush are part of a sex

(2) Testimony and evidence related to the triangle with Florida secretary of state Katherine College vote of Florida-Bush thus stealing the U.S. Presidential Election 2000.

> Like in the infamous 1876 election that I presidential election, as did Samuel Tilden. But, like Tilden, there has been a failure to inaugurate Gore as the President of the United States.

Although both magazines have reportedly corroborated my story about Jeb Bush/George W. Bush/Katherine Harris, with her also as the reputed "bag lady" in fixing the election, the oil so far as is now known, have NOT entered a and dope soaked monopoly press are too "chicken" and have too many financial hang-ups to so far go with the Katherine Harris story.

> Network officials and reporters have BUT, the press is reluctant to undermine George W. Bush at a time of impending financial meltdown.

More coming. Stay tuned.



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## **England "Bombs" Gold Prices**

Editor's note: Between pages 12-14 in last month's News Desk, we devoted a larger-than- handed down from the legendary Chinese with 6,000 years of unassailable worth-goldusual space to "Gold Jitters" and other recent strategist Sun Tsu, were fully employed pre-raid shenanigans going on in the gold market—and to create the maximum amount of confusion and for very good reason. The Bank of England is, of fear for the BoE's old enemy, the free gold course, taking orders from higher up the ladder of so-called "elite" controllers of this planet to steer the gold market in the desired direction of and the contract RAF pilots delivered the 25 the New World Order's financial control agenda.

People who have been watching (and trying to make sense of) the more recent maneuverings in such markets—but who may not presently be aware of the actual dark ones running the show from well behind the scenes—are either confused and shaking their heads, OR becoming so curious about just WHAT in the queen's counting house is going on, that their puzzlement will eventually open up their awareness to The Bigger Picture.

With that in mind, enjoy the following, written by "one who knows" in a style which is as amusingly colorful as it is professionally added by The SPECTRUM.

#### 3/16/01 ADAM HAMILTON, CPA, MCSE (www.ZealLLC.com)

On March 14, 2001, the Bank of England continued its long and bloody war of attrition against gold. Royal Air Force Harrier jump jets and Panavia Tornadoes roared through the blue skies, leaving terror and destruction in their wake.

Not armed with the usual laser- or Global Positioning System-guided 500-lb and 1000-lb high-explosive bombs, they were equipped with highly specialized munitions for this particular crucial combat mission. The RAF fighters, under Bank of England command and control, carried gold bullion bombs. The amount of pure gold bullion in each bomb remains classified, but the total bullion delivered under the mighty wings of the Harriers and Tornadoes is well known, exactly 25 metric tonnes.

standing at home plate and pointing his bat to the exact spot on the outfield fence over which he intended to launch the pitched baseball, the Bank gold, the latest gold auction, and the possibility of England (BoE) also "called the wall" prior to that the BoE is publishing dis-information to the actual gold bombing. As in the past, this continue to wage the gold info-war long after the latest gold bombing was scheduled in advance booming of the gold bullion bombs has finished and crafty public relations folk ensured that there echoing through the formerly peaceful free-market single, or uniform, price basis. Under this format, would be maximum knowledge of the aggressive countryside. raid about to be launched.

Timeless principles of information warfare, market.

precision. The target was a recent rally in the gold price caused by unrelenting rumors that the obligations with physical gold.

Spiraling short-term gold lease rates, which led to the gold rally, helped confirm the odd physical tightness in the global gold markets. The ANYTIME before Y2K, until today, is just a nemesis of BoE—gold—was rearing its ugly head and had to be destroyed before the gold price action opened the floodgates of worldwide gold from the original stated goal! investment demand.

insightful. Emphasis of some key points has been toward their target at treetop level, laser auctioning off gold in 25 tonne lots, in a series of designators on the bellies of the jets were switched on, and the gold rally was painted with innumerable laser dots invisible to the human eye. The computerized seeker-heads on the gold bullion bombs were uncaged and immediately locked on the bright laser lights dancing on the target. Soon swarms of bombs were unleashed, their computer heads flying them in a kamikaze trajectory directly to their destruction into the laser-designated gold rally.

> mark, the resulting destruction in the gold market 3,500 to 4,000 tonnes per year. All the gold was spectacular, and the dangerous gold rally was shredded by the state-of-the-art munitions.

The contract RAF pilots returned home, and reports claimed that no casualties were received during the gold bombing raid by the BoE and its cohorts. All in all it looked like a successful mission in the government of Great Britain's undeclared war on gold.

But how successful really was the mission? Is Like the legendary Babe Ruth brazenly the BoE employing subterfuge and intentionally misleading the gold markets?

In this essay, we explore the BoE's war on

begin with a proper perspective on the BoE gold auctions.

The Bank of England, on May 7, 1999, announced "a restructuring of the UK's reserve holdings to achieve a better balance in the portfolio by increasing the proportion held in currency. This will involve a programme of auctions of gold from the Exchange Equalisation Account, which holds the UK's official reserves of foreign currency and gold, with the proceeds being invested instead in foreign currency assets and retained in the reserves."

In the first place, the idea of selling something and buying fiat currency is, by itself, pretty ridiculous. What did the BoE intend to buy to replace gold in its FOREX reserves? A currency that has only been around since WW2, like the On mission day, the BoE launched the raid, fiat Japanese yen, which has performed as well as a blind duck migrating in recent years? The tonnes of bullion bombs with spectacular vastly overpriced US dollar, perhaps, which defaulted on its gold backing in 1971, and is from the largest debtor nation in world history? Or, BoE was having trouble settling its gold God forbid, that bastard step-child of fiat currencies the Euro, for which not even a single sovereign nation is accountable?

> Selling gold to buy fiat currencies wacky and "out there" idea devoid of common sense. The BoE auctions were suspect right

In order to execute the "portfolio As the British ground attack fighters screamed rebalancing", the BoE stated its intentions of auctions. At the time of the announcement, the BoE reported that the United Kingdom had official holdings of gold reserves of 715 tonnes. Her Majesty's Treasury would be using the BoE to liquidate 415 tonnes of gold, with a target gold foreign exchange balance of 300 tonnes. So far, including the March 14, 2001 sale, the BoE has sold 275 tonnes of gold into the open market since July 1999.

415 tonnes is a healthy amount of gold! As bullion bomb after bullion bomb found its Global gold demand is estimated to be between mines in the world are believed to dig up, process, and refine about 2,500 shiny new tonnes per year. By comparison, 1 million ounces of gold, roughly equivalent to the annual production of a mine on the scale of South Africa's Durban Roodepoort Deep, is approximately 31.1 tonnes. (One metric tonne equals 32,150.743 troy ounces.) The United States of America has long reported official gold reserves of 8,139 tonnes, although the US gold reserves have not been independently audited.

> On the initial announcement date, the BoE also outlined the terms of the gold auctions. The following is verbatim from the BoE's press release:

"The first auction will be conducted on a the bidding process will be competitive: bars will As in any financial analysis, it is prudent to be allotted to the highest bidders, but all

successful bidders will pay a single price that is IMMEDIATELY sell-off XYZ on Buffet's paints the British government's strange series of equal to the lowest accepted bid. It is intended announcement, and the price of the stock would gold firesales in a much more menacing light. that subsequent auctions will also follow this single price format, but the pricing method will be subject to review in the light of experience."

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Hmmmm. Any of you capitalists out there catch that? The auctions of gold would accept competitive bidding, BUT the gold would be sold to the highest bidders not at the price they bid, but at the price equal to the LOWEST accepted bid.

As the BoE is acting as a fiduciary for Her Majesty's Treasury, which is presumably holding certainly not baseless. American Attorney and the public gold collectively owned by the citizens of Great Britain, one would expect the BoE to MAXIMIZE the sale price for the gold it was the BIS and large money-center bullion banks dealing with any entity or person, it is always commissioned to sell. Why not, for instance, if allegedly engaged in a global conspiracy to useful to not only listen to the words they speak, the spot gold price was \$275 and an entity bid suppress the gold price, includes stunning but to carefully analyze the fruits of their labors. \$300 for 5 tonnes of gold, allow the bidding comments about the original intentions of the Often men of little honor and integrity will say

bidding entity would be happy with its bid price, otherwise it would not have submitted the bid.

This goofy Dutch Auction process is fine for bidding on beanie babies and other fungible junk on eBay, but is it proper when liquidating 58% of the public gold of one of the greatest Western nations in history?

Why use an auction process that ensures that Her Majesty's Treasury receives the lowest price possible for valuable gold? It is analogous to being cheated out of a percentage of every trade, which adds up to real money over time.

This is just ONE small anomaly of MANY in the BoE gold sales. The House of Lords and House of Commons could have a field day investigating the many failings of this illogical auction program!

While we are discussing the illogical, it is interesting to mull over the implications of announcing the whole series of auctions in received by the plaintiff, this effort was later advance to great fanfare. If HM Treasury was interested in obtaining the highest price for its citizens' (or the Queen's, if the British government still considers its people merely peasant subjects and not citizens) gold, why preannounce the sales? Any large trader knows that the quickest way to eviscerate a trade is to publicly herald one's intentions. If other players know that a large trade will be made, prices will be bid up or sold down in order to ensure that the big trader receives the worst possible deal.

Imagine, for instance, if Warren Buffet held a press conference and told the world that he was planning on selling 58% of Berkshire Hathaway's holdings in XYZ Inc. Astute traders would

plummet on the open market.

downright dumb at the worst. intentions, going into the auctions, of depressing easily portable Adobe PDF copy of Howe v. BIS the world gold price.

This allegation, while serious and ominous, is Bank for International Settlements shareholder BoE make sense in light of the effects of the gold Reginald Howe, in his landmark lawsuit against auctions? In the markets and in life, when entity to pay the full price it bid? After all, a British government. The following is from Howe one thing, but their actions will betray something

Howe v. BIS et al is one of the most important **Pre-announcing large trades, if one is a big** documents in the long and distinguished history player, is absolutely foolish at best, and of gold. It is an absolutely MUST read for Pre- advocates of free markets and anyone announcing a huge gold sale, which is virtually interested in learning why the behavior of gold guaranteed to bomb prices, only makes sense if in the last six years has utterly defied all laws HM Treasury and the Bank of England had full of economics and all historical precedent. (An is available for free download at the www.zealllc.com/howe.htm website.)

Do the stated goals of HM Treasury and the

else entirely.

By carefully observing the fruits of their actions, the true driving forces and motivations behind a decision often become MUCH more apparent. This principle is ancient and was immortalized in the New Testament of the Bible. In the popular vernacular of today, "talk is cheap". The real goals of HM Treasury in flooding the world market with a marginal physical gold supply are much easier to discern by their fruit than from the sterile press releases and soundbytes.

We began by discussing the latest BoE gold bombing of March 14, 2001. The chart nearby highlights the fledgling gold rally, which had to be contained, and the results of the latest mission in the long

\$300 BOE Cold Bombing Sorties \$295 2000-March 15,20 \$290 \$285 \$280 \$275 \$270 \$265 \$260 \$255 LLC.com \$250 200% 00. 2005 00. 00 ò 00 ò ò ò ò 00 00 0 8 Ś Ó Ó Ś O

vs. BIS et al, paragraph 55. It is extraordinary!

Quoted literally from Mr. Howe's complaint, described by Edward A. J. George, Governor of the Bank of England and a director of the BIS, to Nicholas J. Morrell, Chief Executive of Lonmin PLC: 'We looked into the abyss if the gold price rose further. A further rise would have taken down one or several trading houses, which might have taken down all the rest in their wake. Therefore, at any price, at any cost, the central banks had to quell the gold price, manage it. It was very difficult to get the gold price under control, but we have now succeeded. The U.S. Fed was very active in getting the gold price down. So was the **U.K.**"

BoE gold bombing campaign.

(Disclaimer for all you military purists out paragraph 55: "According to reliable reports there: We are well aware that British Harriers and Tornadoes look nothing like the F-18s in the graph nearby, and that a precision guided bomb does not look like an AGM-65 Maverick air-tosurface missile; please forgive us.)

This graph is relatively short-term, only since last July. We use it because we employed it last week in our essay "Gold/XAU Breakouts?" where we pointed out that the Philadelphia Stock Exchange Gold and Silver Index HAD broken out short-term and that gold just breached the top technical resistance line shown in the graph. (The temporary breakout is marked by the dotted green circle at the right edge of the graph.)

In this newest incarnation, the latest BoE gold auction has transpired and gold has been Wow! Amazing information, and it further SLAMMED back down into the channel as if it

Page 21

ran into a 20-foot-thick reinforced concrete blast- realization that central bank sales were auctions, and the light green the traunches of the wall at 100 mph on a motorcycle.

The turn executed by gold in the day before the latest BoE auction is striking in its violence. This amplitude and frequency of the recent up and down move is greater than anything else on the graph. The trading days between March 8 and March 15 witnessed EXTREME daily volatility for the usually staid and calm gold world! Those six trading days had average interday volatility of 1.4%, compared to an average of roughly a third of that, or 0.50%, for Lindley's excellent graph, it is quite obvious to the entire time period encompassed by this chart.

The BoE gold auctions are marked with the bomb silhouettes above. In each of the last five gold auctions of 25 tonnes, the market ALWAYS dropped on the BoE gold auction. As we discussed above, if one is a big player, telling the whole world in advance before they buy or sell a

shooting oneself in the foot! By telegraphing large gold sales, the Bank of England guaranteed that HM Treasury would receive the lowest possible price for its gold as arbitrageurs traded on the news and sold gold into each auction. Unbelievable!

Of all the research we have seen on the BoE gold auctions, our favorite graphs by far analyzing the situation were constructed by the renowned Donald Lindley, the highly esteemed member of the Gold Eagle Gold Forum (www.goldeagle.com/cgi-bin/gn/get/ forum.html). Mr. Lindley has been carefully watching and analyzing the gold markets for many years, and his contributions to the Forum and the gold market have been invaluable. Last year, when gold was at \$290, Mr. Lindley was one of the few steadfast gold bulls who believed that gold would be

from \$290, and he was right on the money.

Mr. Lindley has constructed a gorgeous graph chances for www.GoldenSextant.com, Reginald Howe's INTENTIONAL GOLD SUPPRESSION company's website, and it is readily available at SCHEME! the very informative www.goldensextant.com/ commentary16.html#anchor10789 website. On bad enough, there is seriously damning evidence his superb graph, Mr. Lindley has indicated when BoE gold bombing runs were announced and when the dirty deeds were actually perpetrated.

It is really interesting to note that EVERY single time a BoE auction was held, gold fell fairly aggressively—with the notable exception of the landmark Washington Agreement of September 1999, where European central bombing sorties to date. The left column is the first series of five auctions, enough bidders bankers suddenly had light bulbs popping on date of the auction. Light blue shaded dates (serious high quality entities, as only members in over their heads and came to the stunning represent the traunches of the first series of gold good standing of the secretive London Bullion

#### destroying the world gold markets.

And who says central bankers are clueless? They are just SLOOOOOW to grasp the patently obvious! They announced they were capping their gold sales, and entities who owed gold that they didn't have scrambled to buy gold of gold the BoE offered at each auction. The first in the open markets like men possessed. The yellow column shows the number of troy ounces resulting rally rocketed gold from \$255 to over \$320 in days.

Armed with the perspective provided by Mr. ANYONE that the BoE gold sales are very damaging to the price of gold. As more information on the BoE gold sales accumulates, it is more and more difficult to accept that all is on rest of the columns are explained below, after you the up and up and there are no ulterior motives have reviewed the table. from HM Treasury or the BoE.

large position is the financial equivalent of suppression scheme, feels like an intentional market wanted to buy a LOT more gold than

second series of gold auctions, which just finished on March 14. Boldfaced dates represent auctions covered by the period of time in the chart we discussed earlier.

The next column is the number of troy ounces of gold the market bid for (tried to buy) from the BoE, followed by the final gold price of the auction.

The second yellow column contains the "times covered", or the number of times that the BoE gold offered was overbid for by entities wishing to buy gold at a particular auction. The

After a brief perusal of this raw auction data, If it looks like an intentional gold direct from the BoE, it becomes obvious that the

> the BoE was prepared to sell t any one time. Now, if the BoE was rational and it really ntended to minimize its lisruption to the world gold narkets, why not sell whatever he market demands at each uction until the total 415 tonnes of unloved and unwanted gold is iquidated? For instance, in the first auction on July 6, 1999, why didn't the BoE sell the whole 4,174,400 troy ounces of old that the gold buyers bid For? If the purpose of the uctions was simply a FOREX eserve "portfolio rebalancing" s the BoE claims, why drag the ales out for years when the narket could have easily bsorbed the gold much more apidly? These are tough and very important questions.

> We subtracted the "BoE Offer" column from the "Market Bid For" column to obtain the "Wasted" column. This is

pushed lower by derivatives games being played. gold suppression scheme, smells like an wasted gold demand. Since the BoE could have His "Option Cube" indicated a slide in prices intentional gold suppression scheme, and tastes sold almost 4.2 million ounces of gold at its like an intentional gold suppression scheme, original auction, why did it hold back, deny its is—drumroll—AN are it

> As if what we have discussed so far is not emerging that the whole BoE gold firesale has NOTHING to do with foreign exchange and is deliberately designed to artificially augment gold supply and dampen investor enthusiasm through information warfare principles in order to quasicovertly suppress the global gold price.

The table nearby lists all the BoE gold

bidders their sought after gold, and only sell 0.8 million ounces at the LOWEST bid? Very odd indeed!

The next column is the "Cumulative Wasted Ounces" representing the total gold demand that was spurned and ignored by the wizards at the BoE. The final column converts these Cumulative Wasted Ounces into metric tonnes for easy comparison to the BoE's original stated goal of jettisoning 58% of the total gold reserves of the United Kingdom, or 415 tonnes.

Provocatively, by the fourth traunche of the

<ul> <li>Bol War on Gold</li> <li>etheon Results</li> </ul>											
Date	BoE Offer	Market Bid For	Price	X Cov	Wasted	Cum. Wasted	CW Tonnes				
Jul 6, 99	803,600	4,174,400	\$261.20	5.2	3,370,800	3,370,800	105				
Sep 21, 99	803,600	6,420,400	\$255.75	8.0	5,616,800	8,987,600	280				
Nov 29, 99	803,600	1,669,600	\$293.50	2.1	866,000	9,853,600	306				
Jan 25, 00	803,600	3,451,200	\$289.50	4.3	2,647,600	12,501,200	389				
Mar 21,00	803,600	2,411,600	\$285.25	3.0	1,608,000	14,109,200	439				
May 23, 00	803,600	2,134,400	\$275.25	2.7	1,330,800	15,440,000	480				
Jul 12, 00	803,600	1,046,400	\$279.75	1.3	242,800	15,682,800	488				
Sep 19, 00	803,600	2,103,600	\$270.60	2.6	1,300,000	16,982,800	528				
Nov 7, 00	803,600	2,670,400	\$264.30	3.3	1,866,800	18,849,600	586				
Jan 23, 01	803,600	3,852,400	\$268.00	4.8	3,048,800	21,898,400	681				
Mar 14, 01	803,600	1,800,000	\$266.00	2.2	996,400	22,894,800	712				
Averages 12,884,945 \$273.55 3.6 2,081,345											
WWW.ZealLLC.com											

Market Association were allowed to bid on extraordinary uneasiness in the gold world. With *center banks which owe physical gold they* England's gold) placed bids that in total amounted this in mind, please go back and examine the *don't have*. If the BoE did indeed heavily to 489 tonnes of gold! This number is derived from four sales of 25 tonnes each (that's 100 tonnes for all you CSCO shareholders out there) PLUS the cumulative wasted demand of 389 tonnes-net 489 tonnes of gold demanded in the first four sales of HM Treasury gold. The BoE could have easily sold the entire 415 tonnes commissioned by HM Treasury by January 2000!

If the BoE simply wanted to sell gold to buy currency without disrupting or overhanging the gold market, why not do the sales:

(A) quietly,

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(B) to the highest bidder at the individual bid prices, and

(C) in the SHORTEST amount of time in which the market could absorb the physical gold offered?

The fact that the BoE could easily have sold the entire lot in four sales, with a greatly limited disruption to the gold market, but chose to draw it out, lends great support to the theory that the BoE is being used by the socialist British government to actively intercede to suppress a Accountant and auditor who has witnessed global free market.

Granted, over time cumulative wasted demand MAY be overstated—as a bidder whose lots were not filled in a given auction may have bid again at the successive auction—but still, even adjusting for that possibility, the general principle stands strong. Per the BoE's own records, MUCH more gold was demanded in each individual auction, EVERY SINGLE TIME, than the stingy BoE would offer. The sales have been dragged out LONG after the market demanded the 415 tonnes of gold to be sold. The plot thickens.

information in this table is the latest auction results, direct from the BoE. In recent weeks, rumors have abounded that the BoE was having trouble finding physical gold to settle its gold obligations. These rumors would not be a big deal, EXCEPT for the undisputable fact that short-term gold lease rates have rocketed to new interim highs, zooming from 1% in early January to 7% intraday in recent weeks. The current gold lease rate action indicates EXTREME pressure in the gold market. This is analogous to the U.S. Federal Funds interest rate rocketing from 5% to 35% in a little over two months. Serious disruptions in gold lease rates of this magnitude are extremely rare, and the last episode preceded the monstrous September 1999 Washington Agreement rally.

Against the backdrop of trouble in the gold world, U.S. equity markets were being torn to shreds by the awakening bear in the days leading up to the auction. Reginald Howe and the Gold Anti-Trust Action Committee (GATA at www.gata.org) were making serious inroads in the legal fight to free gold, and the whole gold world was very nervous and jittery.

The last few weeks have truly witnessed

March 14 gold auction.

First, note the "Market Bid For". In the tightest gold environment in the entire BoE ounces bid for was over 1 million ounces BELOW the AVERAGE for all the auctions. The times covered (X Cov) was only 2.2x, the THIRD lowest out of all eleven auctions.

Anyone else have a funny feeling about the data the BoE provided?

Even worse, note that EXACTLY 1.8 million ounces was bid for. Now review previous auctions. NEVER has there been an auction that just "happened" to have a perfectly round number of ounces asked for.

There was only one other auction even remotely close to this, the third one. What are the the gold market. If everything proves to be odds of a perfectly round bid number in a chaotic legitimate, it will cause no harm for the legislative gold market? It is kind of like witnessing the bodies of Great Britain to independently look into DJIA close at EXACTLY 10,000.00. It is the gold sales. If, however, the BoE is possible, but statistically quite improbable.

As a Big-Six-trained Certified Public financial fraud situations first-hand, the latest auction results, when viewed in context of the whole auction series and the tight gold of shrill warning sirens careening through my skull.

the latest "1.8 million ounce" and "2.2x covered" numbers are nothing more than hastily fabricated accounting plugs.

They stick out of the series; they make no The second critically important bit of sense in reference to the current gold market environment; and it certainly appears that the BoE is "cooking the books" in their latest press release. One would have to be gullible enough to believe the NASDAO has bottomed already if one's suspicions fail to be aroused by the latest BoE reported auction results.

Motive?

Simple: been reported as massively oversubscribed (a high "times covered" ratio), HUGE amounts of physical gold buying would have sloshed into the gold market from all over the world and launched gold into a rapid ascent north. This would have disemboweled large money laissez faire perspective.)

numbers highlighted in red, which cover the latest understate its reported gold auction results, a massive short-covering rally in gold was averted—for now.

Of course, if the BoE REALLY wanted to strategic gold bombing campaign, the 1.8 million maximize the proceeds of the gold sales for HM Treasury and the citizens of the great nation of Great Britain, then it would be really happy about rising gold prices for future auctions. But, as we have explored in this essay, virtually everything about the BoE gold sales stinks to high heaven and reeks of blatant market manipulation.

> As American citizens, we can do nothing about this, but our British friends can. We encourage all our readers from the United Kingdom to contact their representatives in the House of Commons or House of Lords and demand an investigation into the BoE activities in squandering HM Treasury's gold to save the bacon of a handful of elite bankers who made stupid bets, the citizens of Britain and the Queen certainly have every right to know about it immediately.

After this latest gold bombing run, the BoE environment of 2001, throws off a cacophony announced yet ANOTHER long, drawn-out series of six 20-tonne auctions beginning in May. The more the fruits of the BoE gold Something IS odd here, and we believe bombing raids are analyzed, the more it there is greater than 50% probability that appears that the BoE is intentionally damaging the world gold markets and knowingly destroying the African nations that rely on gold for much of their private and government revenues.

> As the gold info-war rages on, there is little doubt that the Bank of England has chosen to side with the gold shorts desperate to save their own crooked hides by attempting to perpetually suppress the global gold market.

(Do you enjoy these essays? Please help support Zeal Research by subscribing to Zeal Intelligence, our acclaimed monthly intelligence IF the latest BoE auction had briefing, at the www.ZealLLC.com website. Mr. Hamilton, a private investor and contrarian analyst, publishes Zeal Intelligence, an in-depth monthly strategic and tactical analysis of markets, geopolitics, economics, finance, and investing delivered from an explicitly pro-free market and



## **Go With The Flow Of Your High-Frequency World**

#### 3/31/01 SOLTEC

Good afternoon, my friend. It is I, Ceres your planet. Anthonious "Toniose" Soltec, come in the Light of Creator Source—The One Light.

Your planetary environment is continually no perceivable frequency difference. This accumulate more and more "heartaches" over a shifting upward in frequency, and you need only ALLOW for the changes within you in your ears as you change in elevation. The clog-up the natural energy pathways, much like order to match frequency with the failure to do so will cause an uncomfortable the plaque on the walls of arteries restrict (and environment—rather than trying to hold fast to pressure (stress, anxiety, restlessness) to be felt. what you once considered to be a highfrequency state. This can be disorienting, for frequency-and thus feel a sense of chronic you each are being "stretched" to some extent as the energies continue to come forth, bathing your planetary system with an ever increasing self-induced punishments of sorts, most often rather than flowing throughout the body to frequency and intensity.

IS what the soul-you continually seeks out and desires. With every day comes the possibility experiences happen for many reasons, but a physical death if not addressed directly. to expand one's awareness of self and one's common thread will always be so that you can placement in the ever evolving experience of have opportunity to examine an aspect of continues to rise, and at an ever increasing life-force expression.

I use the terminology "life-force expression" in an attempt to bring focus to the fact that all need NOT continually hold onto it (punish more quickly. The time in which ALL beings, both physical and non-physical, yourself) any longer than it takes to understand feedback cycles occur is shortened, and ones experience—and thus contribute to—the the lesson it provided to you. Many of you get will be, in essence, led to confront and grow experience of the Collective Whole. The caught-up in the emotional energy surges of past any erroneous understandings-or they unseen world of the "spirit" realms contributes such emotions as grief and pain and, in the simply will not be able to sustain adequate just as much to the evolving experiences of midst of such overwhelm, you make a decision functioning of the physical apparatus. This your world as do the physical participants. The or choice to "never forget". So you henceforth is the thorough nature of the cleansing sum of the entire interaction between the carry that "charge" of emotional pain as a process at work on your planet at this physical and non-physical creates a synergistic reminder of the past. For many, to stop feeling time-a process known to your Native relationship, with a balance that is optimized the pain would somehow be a sacrilegious act American brothers and sisters as The Great for soul growth-potential.

Allow for the fact that the physical schoolroom is evolving and that natural cycles are responsible for the shifts that are now loss of a loved one, and is perhaps most severe occurring. You ones are NOT being punished in the case of a mother who loses a child. The by some mythical god of vengeance. Your common trait will be the "broken heart" world is simply entering an area of space in associated with the memory. In the case of the excellent atmosphere in which to make great which the vibratory rate is quite a bit higher death of a loved one, you should know that than what you ones have been used to. This these ones who have passed DO NOT find upshifting of frequency can cause restlessness, comfort in your misery, and in many cases they anxiousness, agitation, and so forth if you resist try to assist you to move on and move past expansive view of the non-physical perspective the speeding up.

is resulting in social upheaval all over your that you make your lives a depressing and (one who resists change) souls to free world. The inner stresses that many are miserable existence that simply "must be themselves from the repetitive "rut" they seem experiencing (and will continue to experience) endured".

are due in large part to the inability of these

greatly on one's ability to freely flow energy Allow for the energies to settle around you. through the body in a manner so that there is could be likened to equalizing the pressure in

The primary reason people fail to match stress and such—is due to various emotional energy blockages. These blockages are usually manifesting because ones anchor themselves nourish the various physical systems. Allow for change through growth. Growth emotionally in past experiences of great accumulated emotional "garbage" personal trauma. Such emotionally charged eventually lead to further degeneration and yourself and grow from the experience.

> of breaking a promise to yourself "not to Purification. forget".

such limited viewpoints that would cause you look upon the unfolding environment on your On a larger scale, this frequency upshifting to hold to such pain with such "reverent" vigor planet as a great opportunity for many "stuck"

Each of you have experienced painful moments in your lives from time to time. These experiences are part of the "biofeedback" mechanism of the physical schoolroom that help you to understand the consequences of your decisions and choices.

You entered into the physical environment knowing full well the ways in which emotional energies were going to affect you, and that there would be times of discomfort as you learn and grow. The pain you experience should simply be looked upon as an indicator to you that your guidance system is working properly and that you have need to learn a lesson in a particular area of life in a particular way.

Seek out the understanding (the lesson in ones to match the frequencies now coming into point), and the pain WILL go away. Hold onto a misunderstanding (erroneous belief) The ability to match frequency depends associated with the "traumatic" event, and the pain WILL persist.

> In general, ones on your planet tend to given lifetime. These emotional accumulations eventually block) nourishing blood flow. Such clogs or restrictions in the energy field of an individual in turn usually lead to physiological imbalances because the life-force energies are diverted into sustaining the emotional trauma The will

Moreover, as the frequency of the planet rate, what once took decades to manifest as, No matter how traumatic an experience, you say, a cancerous tumor, will manifest much

Remember, this is a NATURAL cycle Often this condition is associated with the resulting from your planetary system's travel into a higher-frequency region of space-NOT a punishment from some vengeful god. Such high-frequency planetary conditions provide an forward strides in ability, understanding, and growth.

> Many who observe from the more to fall into, lifetime after lifetime. It is for these

Higher Realms in the unfolding choices and Please remember that it is when you make a opportunity presents itself to you. Learn to decisions being made as these upward shifts DELIBERATE call for help from Angels, recognize when your experience and continue to modify inner perceptions on an Guides, Lighted Brotherhood, etc., that we can understanding would benefit one who is guided individual basis—and how that process, in turn, resonates on the larger social level as ones answers you desire. Many of you do this as a manner that is acceptable to the one you wish effort to express (and otherwise address) their natural course of habit, and you are almost to assist. Allow the other to come to their own inner feelings of restlessness and such.

Many ones are having their lives turned upside down and inside out, not really understanding why it is that these things are EVERY opportunity that comes your way, and occurring. Each one will sense in their own KNOW that you can and will find the answers way the need for "something more"-and yet, for the large part, they will not know where to look. This is where the interaction of the nonphysical comes into the picture.

We of the non-physical Lighted Realms, who come in service to help others, act as Guides and Wayshowers. We work "behind the scenes" to cause paths to cross and experiences to unfold in ways that will help answer the heart's call for understanding. Our methods and orchestrations often require us to go within and tap a Higher Creative Potential so that we may be effective in many ways that are often overlooked by you ones in the physical. Please remember that there really are NO coincidences in your world. A coincidence is merely the recognition of a Higher Hand working in your life.

Remember that each desire expressed sends out a call that will return an answer. The stronger the desire (the greater the clarity and intensity of the emotional energy behind the desire), the quicker the answer will come.

Many simply want to understand what is "wrong" with the world or others. Yet, when the answers are presented to them, they reject same because their current "religious" or "scientific" belief system says that the given answer "CAN'T BE SO!" Thus the condition of ignorance, uneasiness, stress, frustration and such persists.

To arrive at a better understanding of *identifying with that wise caution*. something that is perplexing you, recognize that some current belief you hold is untrue. One must often confront the idea that they may have bought into a lie. This recognition can cause great inner struggle as one must contend with the ego's "need" to "save face". Ask yourself: "Why do I believe what I believe?" Is it because of personal experiential (inner or heart) knowing? Or, is it because of something others spiritual upliftment that originates from the have told you that you should believe?

We of the Lighted Brotherhood, who come in service to help ALL ones, will not insist that another accept our words, guidance, or suggestions. To do so would cause ones to accept concepts out of fear-rather than appreciation and understanding-and thus NO ACTUAL GROWTH would occur, and we would, in essence, be slowing growth and binding ourselves in a karmic sense to anyone to whom we should try to do this.

reasons that there is great interest from the response to a request that is being made to us. that can help others if it is shared when the do much more to help you ones find the to cross your path. Learn to share same in a always open to the thoughts, ideas, and conclusions in their own time. Sometimes what "coincidences" that you receive in answer.

> to the questions that weigh on your heart. Many of you ones reading this message are come in Light and Service to The One Light, greatly compassionate people who simply want Creator Source, so that you ones may gain to know where you "fit into the picture" and why things are happening to you.

You each have experience and knowledge

you tell a person today will not make sense to Please learn to recognize and exploit them for years to come, but eventually the truth will be the only thing left standing when all other "reasoning" has failed.

> I am Ceres Anthonious "Toniose" Soltec, insight and understanding about some of the matters that may be concerning you.

Much Love and Light to you ALL! Salu.

## Hopi Elder Chief **Dan Evehema's** Message To Mankind

longtime spiritual leader of the Hopi sovereign Elder Greasewood, Roadrunner Clan Society nation, doesn't trust the normal print and Father, Snake Priest, Kachina Father. In other As he put it: "...what gets into the papers is much of a chance deterring a messenger what the government wants people to believe, not what is really happening." Surely all of you SPECTRUM readers have no trouble Battros, producer of Earth Changes TV, for

(and other) prophecy. And this is the time messages, like the following.

*Naturally, the behind-the-scenes dark-world* powers are trying desperately to stop the Hopi "home base" of Hotevilla, Arizona—from which this message originates through Chief Dan. Disrupting the base is generally an effective way to disrupt the messenger, and thus the message. Or so the dark, would-be kings think in their all-too-linear reasoning.

But that probably won't happen in this case, due to the pivotal nature of current world circumstances and the Power behind the messengers of The Awakening. Within the Native American culture, this dedicated We only offer information that is in direct message-giver is known respectfully as: Chief

Editor's note: Chief Dan Evehema, Dan Evehema (105), Spiritual Leader, Eldest broadcast media to convey a message of Truth. words, the dark destroyers don't really stand entrusted with such a critical mission!

We would like to sincerely thank Mitch sharing this important message with us by way We are IN the time of the Sorting and of his www.earthchangesTV.com Internet Purification, spoken about so long ago in Hopi website. We also thank R.B. for making sure it landed on our desk despite the whirlwind of when it was said there would be the sharing of items that cross our path in any given day. As some very interesting (if sometimes cryptic) Chief Dan reminds us, it is only through working together that peace and prosperity shall be returned to this planet. We likewise thank Chief Dan for maintaining an amazing level of courage and persistence despite the kinds of attacks that would deter a lesser soul.

#### 3/27/01 CHIEF DAN EVEHEMA

I am very glad to have this time to send a message to you. We are celebrating a time in our history which is both filled with joy and sadness. I am very glad that our Hindu brothers have given us this opportunity to share these feelings with you because we know many of you are having the same troubles.

We Hopi believe that the human race has

passed through three different worlds and life to a place the Great Spirit had instructed them. ways since the beginning. At the end of each prior world, human life has been purified or the East, to the rising Sun, and upon reaching punished by the Great Spirit "Massauu" due his destination was instructed to immediately mainly to corruption, greed, and turning away from the Great Spirit's teachings.

The last great destruction was the flood which destroyed all but a few faithful ones who asked and received a permission from the Great Spirit to live with Him in this new land. The Great Spirit said: "It is up to you, if you are willing to live my poor, humble, and simple life way. It is hard, but if you agree to live according to my teachings and instructions, if you never lose faith in the life I shall give you, you may come and live with me."

The Hopi, and all who were saved from the great flood, made a sacred covenant with the we meet the Creator at Old Oribe (place that leads to everlasting life and peace. The Earth Great Spirit at that time. We Hopi made an oath solidifies) over 1000 years ago. It was at that will become new, as it was from the beginning. that we will never turn away from Him. For us, the Creator's Laws never change or break down.

To the Hopi, the Great Spirit is all powerful. He appeared to the first people as a man and talked with them in the beginning of this creation world. He taught us how to live, to worship, where to go, and what food to carry, know the timing is now to reveal the last only here but throughout the land. Ancient gave us seeds to plant and harvest.

He gave us a set of sacred stone tablets into which He breathed all teachings in order to Hopiland, where we met the Great Spirit, and safeguard His land and life. In these stone tablets were made instructions and prophecies and warnings. This was done with the help of a place his stone tablets side by side to show all Spider Woman and Her two grandsons. They were wise and powerful helpers of the Great Spirit.

Before the Great Spirit went into hiding, He and Spider Woman put before the leaders of the different groups of people many colors and sizes of corn for them to choose their food in this world. The Hopi was the last to pick, and then choose their food in this world.

The Hopi then chose the smallest ear of corn. Then Massauu said: "You have shown me you are wise and humble. For this reason you will be called Hopi ("people of peace") and I will place in your authority all land and life to commissioned by the Great Spirit to help Hopi guard, protect, and hold trust for Me until I return to you in later days, for I am the First and the Last."

#### This is why, when a Hopi is ordained into the higher religious order, the Earth and all living things are placed upon his hands. He becomes a parent to all life on Earth.

He is entitled to advise and correct his children in whatever peaceful way he can. So we can never give up knowing that our message of peace will reach our children. Then it is, together with the other spiritual leaders, that the destiny of our future children is placed. We are instructed to hold this world in balance, within the land and the many universes, with special prayers and rituals which continue to this day.

It was to the Spider Woman's two grandsons that the sacred stone tablets were given. These

The older brother was to go immediately to start to look for his younger brother, who shall remain in the land of the Great Spirit. The older brother's mission, when he returned, was to help his younger brother (Hopi) bring about peace, brotherhood, and everlasting life on his return.

Hopi, the younger brother, was instructed to cover all land and mark it well with footprints and sacred markings to claim this land for the Creator and peace on Earth. We established our ceremonials and sacred shrines to hold this world in balance in accordance with our first promise to the Creator.

This is how our migration story goes, until meeting when He gave to us these prophecies to Flowers will bloom again, wild game will return give to you now, at this closing of the Fourth to barren lands, and there will be abundance of World of destruction and the beginning of the food for all. Those who are saved will share Fifth World of peace.

He gave us many prophecies to pass on to you, and all have come to pass. This is how we warnings and instructions to mankind.

We were told to settle permanently here in wait for Older Brother, who went East to return to us. When he returns to this land, he will the world that they are our true brothers.

When the road in the sky has been fulfilled, and when the inventing of something, which in Hopi means "gourd of ashes", a gourd that, when dropped upon the Earth, will boil everything within a large space and nothing will grow for a very long time. When the leaders turned to evil ways instead of the Great Spirit, we were told there would be many ways this life may be destroyed, if humankind does not heed our prophecy and return to one's original spiritual instructions.

bring about the peaceful life on Earth, would appear to help us and we should not change our homes, our ceremonials, our hair, because the true helpers might not recognize us as the true Hopi. So we have been waiting all these years.

It is known that our True White Brother, when he comes, will be all powerful and will wear a red cap or red cloak. He will be large in population, belong to no religion but his very own. He will bring with him the sacred stone tablets. With him there will be two great ones, both very wise and powerful. One will have a symbol or sign of swastika, which represents purity and is female, a producer of life.

The third one—or the second one of the two helpers to our True White Brother-will have a

rattle which is still in use today with these symbols of these powerful helpers of our True Brother.

It is also prophesied that, if these three fail to fulfill their mission, then the one from the West will come like a big storm. He will be many in numbers and unmerciful. When he comes, he will cover the land like the red ants and overtake this land in one day.

If the three helpers chosen by the Creator fulfill their sacred mission, and even if there are only one, two, or three of the true Hopi remaining, holding fast to the last ancient teachings and instructions of the Great Spirit, Massauu will appear before all, and our world will be saved.

The three will lay out a new life plan which everything equally, and they all will recognize Great Spirit and speak one language.

We are now faced with great problems, not cultures are being annihilated. Our people's lands are being taken from them, leaving them no place to call their own.

Why is this happening? It is happening because many have given up or manipulated their original spiritual teachings. The way of life which the Great Spirit has given to all people of the world, whatever your original instructions, are not being honored. It is because of this great sickness, called greed, which infects every land and country, that simple people are losing what they have kept for thousands of years.

Now we are at the very end of our trail. Many people no longer recognize the true path of the Great Spirit. They have, in fact, no respect for the Great Spirit or for our precious Mother Earth, who gives us all life.

We are instructed, in our ancient prophecy, We were told of three helpers, who were that this would occur. We were told that someone would try to go up to the Moon; that they would bring something back from the Moon; and that after that, Nature would show signs of losing its balance.

> Now we see that coming about. All over the world there are now many signs that Nature is no longer in balance. Floods, drought, earthquakes, and great storms are occurring and causing much suffering. We do not want this to occur in our country, and we pray to the Great Spirit to save us from such things. But there are now signs that this very same thing might happen very soon on our own land.

> Now we must look upon each other as brothers and sisters. There is no more time for divisions between people.

Today I call upon all of us, from right here sign of a symbol of the Sun. He, too, will be at home, Hotevilla-where we too are guilty of many people and very wise and powerful. We gossiping and causing divisions, even among our two brothers were then instructed to carry them have, in our sacred Kachina ceremonies, a gourd own families—out to the entire world, where

thievery, war, and lying go on every day.

Wars only bring more wars, never peace. Only by joining together in a Spiritual Peace with love in our hearts for one another, love in our hearts for the Great Spirit and Mother Earth, shall we be saved from the terrible Purification Day which is just ahead.

There are many of you in this world who are honest people. We know you, spiritually, for we are the "Men's Society Grandfathers" who have been charged to pray for you and all life on Earth, never forgetting any thing or any one in our ceremonials.

Our prayer is to have a good and happy life, plenty of soft gentle rain for abundant crops. We pray for balance on Earth, to live in peace, come.

hearts are not enough to help us out with these your help will come. If you have a way to Brother and others seriously ready to work for great problems. In the past, some of you have spread the truth—through the newspapers, radio, tried to help us Hopis, and we will always be books, through meeting with powerful peoplethankful for your efforts.

way. We want the people of the world to know the truth of our situation.

This land, which people call the Land of the Freedom, celebrates many days reminding we tried, right up to the end, to hold fast to the each of us daily, just as Mother Earth prepares people of the world of these things. Yet, in well over 200 years, the original Americans have not do by the Great Spirit. Should you really seen a free day.

We are suffering the final insult. Our people are now losing the one thing which gives life and meaning of life-our ceremonial land, which is being taken away from us. Hotevilla is the last holy, consecrated, undisturbed traditional Native American sacred shrine to the Creator.

As the prophecy says, this sacred shrine must keep its spiritual pathways open. This village is the spiritual vortex for the Hopi to guide the many awakening Native Americans, and other true hearts, home to their own unique culture.

Hotevilla was established by the last remaining spiritual elders to maintain peace and balance on this continent—from the tip of South America up to Alaska. Many of our friends say Hotevilla is a sacred shrine, a national and world treasure, and must be preserved. We need your help.

Where is the freedom which you all fight for and sacrifice your children for? Is it only the Indian people who have lost, or are all Americans losing the very thing which you originally came here to find?

We don't share the freedom of the press because what gets into the papers is what the government wants people to believe, not what is really happening. We have no freedom of speech, because we are persecuted by our own people for speaking our beliefs.

We are at the final stages now, and there is a last force that is about to take away our

religious teachings.

prophecy says, then it must be up to the people with good pure hearts, who will not be afraid to world.

We now stand at a crossroad—whether to lead ourselves in everlasting life or total destruction. We believe that human beings' spiritual power through prayer is so strong your land and homes. it decides life on Earth.

tell the truth! Tell them what you know to be thoughts of peace and togetherness—peace for But now we need your help in the worst true. Tell them what you have seen here; what all life on Earth, and peace with one another in you have heard us say; what you have seen with our homes, families, and countries. your own eyes.

path of peace as we were originally instructed to the sustenance for our table, do they not?

remaining homeland. We are still being denied succeed, we will all realize our mistakes of the These divisions will not be our salvation. many things, including the right to be Hopis and past and return to the true path—living in to make our living in accordance with our harmony as brothers and sisters, sharing our Mother, the Earth, with all other living creatures. The Hopi leaders have warned leaders in In this way we could bring about a new world. the White House and the leaders in the Glass A world which would be led by the Great Spirit, House, but they do not listen. So as our and our Mother will provide plenty and happiness for all.

> God bless you, each one of you, and know help us to fulfill our destiny in peace for this our prayers for peace meet yours as the Sun rises and sets. May the Great Spirit guide you safely into the path of love, peace, freedom, and God on this Earth Mother. May the holy ancestors of Love and Light keep you safe in

Pray for God to give you something So many people have come to Hopiland to important to do in this great work which lies and leave a beautiful world to the children yet to meet with us. Some of you we have met on ahead of us all, to bring peace on Earth. We, your lands. Many times people have asked how the Hopi, still hold the sacred stone tablets and We know you have good hearts, but good they can help us. Now I hope and pray that now await the coming of our True White the Creator's peace on Earth.

Be well, my children, and think good

We are not so different in the Creator's eyes. In this way, if we do fall, let it be said that The same great Father Sun shines His love on

ß

We are one, after all.

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#### **3/27/01 RICK MARTIN**

It's a headache that just keeps getting worse and worse for California Governor Gray Davis. And apparently our February 2001 front-page story, Will The Lights Go Out In California And sharp warning about the high cost of the state's The Nation? Expert Exposes Fraud & Greed, was as prophetically revealing as it was thoroughly uncomfortable for all of the crooks involved.

Let's take a moment to bring you up to date on what's happened in this "chess game" since our outlay appeared—that is, what's been going on besides a lot more lights going out around the state without warning.

Angeles City Attorney Brian Williams filed suit against three large energy companies claiming "they had engaged in a 'massive conspiracy' to eliminate competition and drive up prices, [PG&E's] current situation with creditors and put helping create California's power crisis.'

Sacramento Bee on March 22, we read: "Electricity wholesalers have overcharged California \$6.2 billion since May by manipulating the energy market, power grid managers said Thursday. The Independent Then the lights started flickering in California. System Operator will file the findings with Now, Massey is the dissenting voice of the federal regulators and ask for a refund, ISO Federal Energy Regulatory Commission-a spokesman Patrick Dorison said."

Amy Chance, appearing in the same edition of a raw deal. the Sacrament Bee, we read:

grow edgy as crisis drags on.

"Gov. Gray Davis likes to compare the state's energy crisis to a complicated 'threecornered' billiard shot. But as California plunged into another round of power blackouts this week, Davis has yet to line up the angle on an ultimate solution.

"The state's short-term power bill is nearing \$4.2 billion, and legislators are balking at the administration's requests for additional money."

In a March 22 Los Angeles Times story by Dan Morain and Jenifer Warren, we read:

"After two days of statewide blackouts, power plants that had been shut down were cranked up. Unseasonable heat tapered off. besieged utility regulators Tuesday adopted the the accident. The operators of the statewide power grid largest electricity rate hike in the state's history

relaxed their state of emergency. But plenty of ominous signs remained. Many small producers remained shut down, skeptical about Gov. Gray Davis' plan for utilities to pay them.

foray into the power business and announced she transfer \$5.6 billion into an account that could be tapped to pay for state purchases of electricity."

In two stories appearing in the March 24 Pacific Gas and Electric Company threatened Friday to sue the state if legislators pass a To begin with, on Tuesday, March 20, Los handful of energy measures that supporters say are needed to keep California's electricity efforts from spinning out of control."

And "'The proposed actions will destabilize the entire possibility of reaching a balanced Not only that. In a story appearing in the solution to California's energy crisis at risk' the utility said in a statement distributed to reporters."

In the second story from the same paper: "William Massey used to be a team player. preacher, an absolute convert to the idea that free In another story, written by Emily Bazar and markets be damned because California is getting

"Wholesale electricity prices are rocketing "Power solution eludes Davis: Lawmakers into the stratosphere. Gov. Gray Davis, joined by the governors of Oregon and Washington, is screaming for price controls. And yet Massey said his colleagues wouldn't do their job to ensure 'just and reasonable' prices and rein-in price gougers."

"'I fear a disaster in the making' Massey told a House subcommittee this week. He said that without price controls this summer, he fears the worst."

and defended the action as the only way to keep the lights on for millions of customers.

"The California Public Utilities Commission unanimously approved an increase of 3 cents per kilowatt-hour. That will boost rates by as much as 42 percent for some Southern California Edison customers and up to 46 percent for some served by Pacific Gas & Electric Company."

What was the PUC's reason (excuse) to justify such a whopping rate increase? Why, because it would help the public practice conservation! (What does that say about the role of the PUC in this orchestrated shenanigan?) And while it is stated that "low income" residents will be exempt from these "necessary" increases, the reality of that statement remains to be seen.

Now we come to a real gem of a news item. (This is an example of why truth is always "State Controller Kathleen Connell issued a stranger than fiction.) This matter first broke to wide publicity (from obviously purposeful secrecy and overlooking by the regular print and that she will block an administration request that broadcast media hounds) the last week of March on Art Bell's late-night talk-radio program.

Let's start with the news story:

[Quoting]

NEWS FROM NIRS-Nuclear Information edition of The Sacramento Bee, we read: "The and Resource Service, 1424 16th Street NW, #404, Washington, DC 20036; phone: 202-328-0002; fax: 202-462-2183; nirsnet@nirs.org; www.nirs.org

> For Immediate Release, March 22, 2001 Contact: Michael Mariotte or Paul Gunter

LITTLE NOTICED ACCIDENT AT SAN ONOFRE

#### NUCLEAR POWER REACTOR IS KEY STORY BEHIND CALIFORNIA BLACKOUTS

A significant accident February 3 at Southern California Edison's San Onofre-3 nuclear power reactor is a major cause of the rolling blackouts that have plagued California this week.

According to published reports, California has lacked up to 800 Megawatts (MW) of power during the blackout periods. When running at full power, San Onofre-3 produces 1120 MW of electricity. Had the reactor been operating, the blackouts almost certainly would not have occurred.

The accident occurred when a circuit breaker fault caused a fire-that lasted nearly three hours—a loss of offsite power and a reactor scram. A related failure of an oil pump resulted in extensive damage to the plant's turbine.

The reactor is expected to be shut down for As if all this weren't enough, on March 27, repairs for at least three months. Although the California's Public Utilities Commission voted utility claims no radiation was released and no unanimously to raise electricity rates. In a nuclear safety issues were involved, the federal March 28 Los Angeles Times story we read: Nuclear Regulatory Commission sent a Special "With protestors jeering their disapproval, Inspection Team to the plant site to investigate

The NRC met with SCE officials today to

expected to be publicly released soon.

"This serious accident, which has gone virtually unnoticed in the daily attention given to California's electricity problems, highlights the vulnerability of electrical systems that rely on nuclear power, and is a clear demonstration why atomic reactors can never be counted on to meet our energy needs. Not only have nuclear plants always been too costly, they are too unreliable as well" said Michael Mariotte, executive director of the Nuclear Information and Resource Service (NIRS), a Washington-DC based nuclear watchdog group. "When one of these large reactors goes down-and as reactors age, they will go down more often-large amounts of replacement power are needed, but several photographs of the well-timed nuclear throughout the United States-and maybe are not always available. This situation is likely plant "accident" on the central California coast, beyond, considering the tight interconnectedness to worsen as time goes on, not improve."

In January, California's electricity shortage was prompted in part by a storm which washed nuclear plant's water intake system, forcing Industry Employee, of the Feb. 3rd accident at those two reactors to reduce power to 20% to avoid a potential meltdown accident.

"Using nuclear power to meet electricity needs is a lot like playing Russian Roulette" said Paul Gunter, chief of NIRS' Reactor Watchdog Project. "Most of the time you'll win, but when you lose, the results can be catastrophic."

opposed California's deregulation law from the beginning, and supported a 1998 referendum that would have repealed that law. But California utilities spent \$40 million to defeat the the Governor of California mention anything referendum, thereby ensuring their steady march toward bankruptcy.

"At the time, Pacific Gas & Electric and Southern California Edison were eyeing some \$25 Billion in 'stranded costs' charged under the deregulation scheme to California ratepayers to pay for San Onofre and Diablo Canyon" explained Mariotte. "Much of that money seems to have been distributed to their holding certain-California's companies, and has not been used for the benefit of Californians. And the bailout certainly hasn't made their reactors any more reliable, nor any just begun and will, safer."

"Anyone who believes nuclear power is a way out of California's (or the nation's) energy problem should simply consider how much apparently all too electricity could have been provided by safe, clean renewable energy and energy efficiency programs for the \$25 Billion California spent on further into the pockets its unreliable nuclear reactors" concluded Gunter. "The choice is clear: we can meet our tax-payers is coming energy needs economically, or we can have dangerously close to nuclear power. We can't have both."

[End quoting]

Now, for those of you who remember what and may very well our February 2001 front-page story interviewee, lead to riots of one Galen Winsor, had to say about the "business kind or another-as strategy" behind why the Three Mile Island happened in reactor "accident" happened—well, is this recent Diego last year. "accident" on the central California coast a case

go over their findings. That team's report is of déjà vu or what? (If it worked then, why not the covert psychological agenda of the New try it again now; after all, the public will never World Order gang, orchestrating this "disaster" suspect a thing.)

interview with a brief excerpt:

"Martin: Do you think there is a conspiracy among those involved in the power companies to withold power in an effort to glean profit?

"Galen Winsor: I can name the date when it started. The 28th of March, 1979, at Three Mile Island-II."

And that was followed by Galen explaining the business strategy about why it was so profitable for Three Mile Island-II to have an "accident" of some supposed serious nature.

photos:

large amounts of kelp into the Diablo Canyon These photos were sent to us by a Nuclear the San Onofre-3 plant. Art called a Public in California (or elsewhere) be timed with some Relations representative of the plant, and he other orchestrated happening(s) to effectively confirmed that these photos are real."

> public announcement of the Three Mile Island "accident" and this current one is so close in date, except for the span of years? Might that be all over both "crime scenes"?

> about other power options-even well-known alternatives like solar cells and wind generators? Or better yet, have you heard him discussing "free energy" devices? Have you heard him suggest invoking Eminent Domain and taking over the so-called PUBLIC utilities for the PUBLIC good?

Well, one thing is well-engineered power problems have only ultimately, dig deeply into the pockets of the state of California's abundant budget. The covert plan to dig of the rate-payers and inciting a "meltdown" of people's patience, San

Is THAT part of

from behind the scenes through these clashing Let me refresh your memory from that teams of political and business puppets? How about demoralizing the business people? More and more of them are seriously considering moving out of California, rather than trying to work around such unreliable electrical power. (Do you know how much time and money is lost when, say, a Silicon Valley chip-maker has to start-up a major high-tech plant, again and again, after each, often unannounced, major power outage crashes or otherwise suspends their operations?!)

As we said in our February front-page story, Art Bell's website (www.artbell.com) has what happens in California is likely to ripple as well as the following caption to introduce the of the electrical utility grid. And we haven't even begun to enter the ominous challenge of "Accident at San Onofre-3 Nuclear Reactor. the massive electrical demands of summertime air conditioning.

Will the next major "power shorage" event paralyze—both physically and psychologically— Do you think it just a coincidence that the an entire region? Might want to check those emergency supplies that have been neglected for awhile!

Editor's afterword: As I said in the page-2 NIRS was among the organizations that an "inside joke" among those New World Order editorial, California Governor Gray Davis gang whose conspiring fingerprints seem to be delivered a brief statewide address the evening of April 5 to officially steer blame away from guilty While all of this is going on, have you heard parties and place the fix-it burden squarely on the shoulders of already buckling taxpayers and ratepayers—in typical pass-the-buck fashion.

The next morning, Pacific Gas & Electric (remember the villain in the superb movie Erin Brockovich, in which Julia Roberts just won the Best Actress Oscar), CALIFORNIA'S LARGEST UTILITY, filed for Chapter 11 bankruptcy, saying it had run up an \$8.9 billion deficit buying electricity (from whom?!?) as of February 28.



"Our problem, once solar energy is in operation, is to find a way to have the citizens whose homes are heated by the Sun continue to pay us every month."

(From: What's So Funny About Science? Cartoons by Sidney Harris)

## What's Truly Important In Your Life?

#### ESU "JESUS" SANANDA 4/8/01

Good evening, my scribe. It is I, Esu "Jesus" Sananda, come in the Radiance and Oneness of Creator God, The One Light. Blessings and peace, dear ones.

Allow for the natural unfolding of events surrounding these times of swift change. way that you are caused to more deliberately that would be considered "near-death Abrupt shifts in focus will become necessary for MANY in the coming weeks, months, and years. This is to say that where you think you are heading is, in all likelihood, quite a bit to focus upon the "things" in life that are especially interactions with loved ones who different than where you will eventually be. Many of you will have experiences that will cause sudden and abrupt changes of priority where you are on an airplane and, while in a valuable lesson to acquire without the need and focus, thus leading you down a path you mid-flight, it becomes evident that there is a for a seemingly negative event? Often souls may never have considered prior.

Allow for the spontaneous unfolding of life and living. Be ever diligent to remain flexible in your thinking and reasoning, so as to allow for these sudden shifts in "reality". In many cases your very ability to adapt to new and quickly changing situations will further enhance ANY of those "precious pots of gold" at the had, but simply did not fully appreciate until it your survivability, and thus further your end of the ever elusive rainbow you've been was "too late". opportunities to experience and grow within the chasing most of your life? present, chosen physical environment.

Never underestimate your ability to adapt to new situations. Regardless of age or state of situations quickly distill the clutter and physical health, and regardless of the amount of "chaos" that may be unfolding around you, REALLY important. You ponder with the proper mental outlook and ability to family and loved ones, and regret any stay centered and balanced, you can connect missed opportunity to give them a hug within for the Guidance to find an appropriate and tell them one last time how much course of action that will further enhance your experience.

such events "disasters"), ones often become those who survive same. These overwhelmed with the abruptness of the "reality" shift, and become paralyzed as they lasting appreciation for what is wrestle with the inner emotional energy surges of shock and disbelief. In such states of paralysis, these ones will be looking for regret recent harshness toward a loved answers and understanding, as well as guidance in terms of what they should do.

Be quick to ground yourself in an pray for the opportunity to survive so understanding of the Larger Perspective-in that they can make their next credit which you are a student in a schoolroom, and card payment. Nor is it the fancy cars the experiences you encounter are for a reason. or the large houses or the bank Whatever crosses your path is no accident, and accounts that may have once there is opportunity to learn and grow from represented security and safety. ALL things.

Regardless of your perceptions in a time of things in life are the acts of kindness seeming "chaos", please remember that ALL toward others and the expressions of

experiences have a POSITIVE growth potential spiritual level from which you all originate and would you do?" This may seem like an shall return. Each day you are faced with a innocent game, however, there is a bit of series of choices and decisions that further lead wisdom in pondering such queries with a to new and forever changing situations.

Abrupt change often serves you in such a focus your attention in a manner that will experiences" often emerge as "changed" decisions. In such times ones are often caused for the more simple and subtle things in life-**REALLY** important.

For example, let us consider the situation serious problem with the aircraft. It is suddenly experiencing in the physical become too announced that there is need to prepare for a caught-up in a multitude of distractions, and crash landing.

No.

Most ones confronted with such superfluous "garbage" down to what is they are dearly appreciated and loved. This can be quite a powerful and In times of sudden change (many would call insightful experience-especially for "graduates" are often left with a very TRULY important in life.

> In such situations, you will always one, and pray for the opportunity to "make things right". Never does one

No, dear ones, the important

#### appreciation for the subtle riches of, say, the grandchildren's smiles when you give them a hug, or the opportunity to tell someone how special they really are.

Sudden, impacting change should thus be viewed as a great catalyst for inner growth and understanding. Never are such abrupt shifts actually the "disasters" they are often regarded to be from a purely physical perspective.

ALL experience offers you an opportunity to express your uniqueness, as well as appreciate the uniqueness in others. Sometimes you will playfully ask one another: "What if associated with them when viewed from the you were given only 24 hours to live? What moment of serious contemplation.

Those who go through and survive things "quicken" the process of making choices and people. There is usually a greater appreciation may have previously been taken for granted.

Would not such LEARNED appreciation be severely neglect the REAL reason they came What goes through your mind? Do you forth to experience in the physical. Usually the worry about the mortgage payment or what the "tragedies" which ones are faced with leave stock market is doing? Do you worry about them with a greater awareness of what they

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perceived "harshness" if you learn to appreciate enable you to adapt to any situation and see those seemingly small things in life that often good in all experience, regardless of the Source-The One Light-forever be recognized get taken for granted. Take the time to pull yourself out of those constant preoccupations with self-distraction long enough to really see along the infinite journey of Life. I am merely forsaken, for that shall never be. You are what it is that is TRULY important. There is no need to wait until the time when it is "too late"—and yet the majority do exactly that.

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Be quick to give appreciation to others and be slow to criticize. Look not to blame another for YOUR emotional state, and know that YOU are responsible for your "bad" days as much as the "good" ones.

There are no victims in life; all experiences that directly or indirectly impact you are for one very good reason-to help you to recognize and appreciate the Lighted God-force Potential within self. In doing so, you will then be able to recognize same within ALL others. A great, effortless appreciation for ALL ones and ALL life will then become a part of your experience, and you will begin to know what TRUE happiness is.

Learn to live your life without regrets. If you have regrets now, then do your best to alleviate them. There is no need to dwell upon past "mistakes". The very fact that you can recognize a past choice or decision as a "mistake" says that you have learned a valuable lesson from same. Take the value from the experience and go forward with a greater understanding, and use it to help others.

Often the best method of teaching is to use yourself as the example, for it shows understanding and compassion, and therefore the impacting is much greater. Please know that you are never too old, sick, or weak to either teach another or learn something new yourself.

One of the most valuable skills ones can learn while in the physical is to recognize the many subtle things they have in their lives for which to be appreciative. Each person reading this message can find much more than one thing in their life to be appreciative for having as a part of their experience.

Look at the seemingly small things and examine them closely: What is common in each? How can the small insights help you to notice more things in your life to be appreciative for? Time spent examining these small, subtle things can and will lead to great insights, understanding, and wisdom.

Knowledge without wisdom most often leads to corruption and, eventually, destruction. Seek out true understanding and wisdom, and all the riches of heaven will be poured out to you, and you will know true happiness. Seek out the physical world's "riches" as a means to finding happiness, and you will, without fail, be creating a cold and lonely "prison" from which you will eventually seek escape.

Look inward for your Guidance at all times and learn to trust your intuition. Your

You ones can avoid many lessons of Inner Guidance (conscience) is what will help any and all who seek my assistance. physical outcome.

> "road" of Understanding, and I have come to appreciate the opportunities, like this one, to

May the Light of Father-Mother Creator within your heart, mind, and soul, so that you I am Esu "Jesus" Sananda, a fellow traveler never feel that you are somehow abandoned or one who has traveled a bit further down the dearly loved and appreciated without conditions.

In Light, Love, and Appreciation—Salu.



massive, turbulent change and renewal. To put it bluntly: we NEED help! And that's where these books come into the picture. Yes, eventually 'the Phoenix will arise from the ashes' after this Great Cleansing process, but the ride could be quite a bumpy one, especially for those illprepared for what is to happen." - From the back cover of Volume I

"Let us begin with WHO you are. You, the non-physical YOU, are an infinite thought projection of the One who created you (God!). You are the product of His desire. You are, in effect, Desire manifest in uniqueness of purpose." — Esu "Jesus" Sananda (Vol. II)

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## **Power Of The Soil**

#### [ Continued From Front Page ]

of topics imperative to an intelligent outlay of yields equal conventional after only four years, political/greed matters SPECTRUM readers are than conventional plots.") all too familiar with.

But that's life as we must confront it in these challenging days of massive greedy organic and sustainable? corporate interests on the surface, supported by diabolical, behind-the-scenes political agendas. Becoming informed and wisely active is.

With that in mind, directly following my short-but-sweet interview with Maria Rodale, discerning publication ACRES U.S.A. recently conducted and aired with longtime agricultural economist John Ikerd. These two, wellinformed sources present a back-to-back picture that will take you on a rollercoaster ride up and down the blood-pressure scale. Both have valuable and courageously potent information you face publishing material on organic confirmation of what I've been telling our to share on the overall subject of what we call gardening? What are the challenges that readers. (Laughter) organic versus commercial agriculture.

Why the focus on this? While it doesn't often make the evening news, what is going on welfare as is the necessity of eating. And the earthy, crunchy granola-hippie stuff. way a lot of growing is being done right now, we could all easily be sick and starving soon if set organic gardening back? major business interests had free reign!

knowledgeable about what is going on in the food production department as we have been attentive for some time about the often poisonous state of our planetary water supplies. Food and water-pretty basic stuff for staying alive, don't you think?

So, is this subject important to address? You bet your salad bowl it is! With that in mind, let's move now directly into my delightful, if maybe all too brief, conversation with Maria Rodale.

agriculture is ruining the soil, which is having so may ways to go-square-foot gardening, very long-term effects, and also there seems to raised beds, etc., that people don't know where also, again, the real breakthrough in organic is be an increased public awareness about organic to turn. gardening methods, or what is called "sustainable agriculture".

agriculture was obtained from the Seeds of for example, they'd rather buy a bottle of So, I would say, it's important for organic Change website, referred to later in this Roundup to start a garden bed, than to buy a gardeners to put on a good impression, create a interview: "Unlike industrial agriculture which shovel, you know. Or they'd rather buy a leaf- good impression for their neighbors. views farming like a factory, sustainable blower than a rake. agriculture views farming as a natural, integrated, holistic system. Furthermore, according to findings published in the scientific more complicated the solution. It equates to the '50s, or something-there's this thing about

the subject-like genetically modified crops, and soil quality improves, carbon dioxide really, I think, also, the organic gardening EPA-approved lethal poisons getting into emissions are reduced, and in periods of compost and water supplies, and related drought, organic fields can actually yield more

Do you find this to be the case?

Rodale: That there's more awareness about a very simple process.

Martin: Yes.

way are not going to fix the situation! the basic home-owner, home-gardener a "first time" gardener? perspective.

Martin: How so?

among mainstream America.

Martin: What are the greatest challenges you've come up against, on a month-to-month basis?

Rodale: in the agricultural arena is as basic to our reinventing organics so that it doesn't mean, I need to sift through before I put it on the beds

Rodale: I don't think it set it back, but I We need to become as informed and think that association is holding it back. There are perfectly good people who are staying away from it because they see it as a life-style choice that they don't want to make, as opposed to just time? What would you tell them? common sense.

> Martin: Well, those who don't know about gardening tend to be overwhelmed by the idea advice or recommendations? of putting in a first garden. It's almost like it's this big mystery thing.

#### Rodale: Right.

Martin: And the idea of putting in an teacher." "organic" garden is even more overwhelming Martin: It's no secret that commercial because, as you start reading about it, there are

**Rodale:** Right. You know, there's also a (The following definition of sustainable to do it for me, everything will be easier. So,

#### Martin: (Laughter)

journal Nature, November 11, 1998, organic "the easier it will be for me" and, of course, we having a lawn.

know that's not true.

Martin: Well, I've found that a shovel and a rake will basically do the whole thing; pretty much, that's it. There are a couple of other things-a wheelbarrow would be nice. (Laughter)

Rodale: (Laughter) Uh-huh. There's movement has not done a good job of communicating how simple it really is. Everybody wants to have, kind-of, their own unique take on it. But, fundamentally, it is just

Martin: I couldn't agree more. Let's say you're talking to a lot of readers out there who Rodale: Definitely it's the case. I still find have never planted a garden, and who are just Hiding from The Truth and looking the other a remarkable, though, lack of knowledge from overwhelmed at the idea. What would you tell

Rodale: The first thing is to build up your soil with healthy soil, because then everything Rodale: If I'm speaking at a garden club, grows really easily and you don't need to do we are reprinting a wonderful interview that the for instance, most people don't garden anything else. So, if you've got bad soil to organically; they don't know about it. I think begin with, just build a raised bed and fill it they're turned off by the high price of organic with compost. And don't worry about "doublefood. Among the supporters, I think there's digging", don't worry about anything else. Just growth. There's still a lot of work to be done fill it with compost and plant your garden, and watch it grow.

Martin: It's so nice when I get

Rodale: (Laughter) Good.

Martin: I'm looking out my window here Our biggest challenge is at two huge piles of compost from last year that next week. I'm calling from California and the Martin: So you think the hippie movement weather is just starting to get nice. It's almost time to plant.

Rodale: Good. (Laughter)

Martin: Ok, now, let's step back. What counsel would you give the "seasoned" gardener, someone who has been at this a long

**Rodale:** About gardening organically?

Martin: On this very subject, any words of

Rodale: Keep doing it, do more. Make sure it is in your whole yard. I guess for the seasoned gardener I would say: "Try to be a

Martin: There you go, that's what I was looking for.

Rodale: Yeah, and a mentor. And, I think going to happen when we get the people in suburban America to start having organic yards. human nature solution, that if I buy something And the people in suburban America are concerned about making their yards look good.

Martin: And, I think, if we're talking about suburbia, there's this-oh, it's not a Rodale: Like, the more you spend, the phobia, it's some kind of weird hang-up from Rodale: Right.

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but if people would just dig up their lawns and start planting shrubs and roses and flowers and vegetables, it would be prettier and more productive.

Rodale: Yep. Although lawns are great for kids to play on, there's no substitute for and people should avoid it at all cost. I, pretty hybrid? that.

Martin: Well, we're trying to push gardening here, though. (Laughter)

Rodale: Yeah. (Laughter)

apples.

fine, as long as you grow them organically. I, invented by Monsanto to bring Vitamin A-are New Mexico, but they have seed growers all personally, can't understand why people put you familiar with this? chemicals on their lawn, because grass is one of the easiest things to grow; it's a weed, not familiar with the "golden" rice issue, per se. basically. It really does not need care and attention. In fact, the more care and attention rice that's high in Vitamin A, to kind of save the reader out there who is completely you give it, the harder it is to take care of. I'm their image; to make people—they're spending intimidated by just the idea of growing a not against grass. The best lawns are ones that hundreds and hundreds of millions of dollars to garden—overwhelmed, doesn't know what to take care of themselves.

Martin: educational standpoint, that for those going to prevent blindness-when, in reality, life. If you have a fear of something like experienced gardeners wanting to educate they're just continuing the destruction. people about it, perhaps explaining to friends and family and associates that it's almost an money to send Vitamin A capsules to Africa alternative to the '80s workout at a gym thing. You know, you can work out in the yard and get tan, exercise your muscles, and get a good workout, and at the same time make your space more beautiful AND have good food to boot. I mean, it's like the best of all worlds.

Rodale: Well, actually, I've seen a study lifting and gardening.

Martin: That's interesting.

Rodale: Yeah, and I think because, with bearing activities.

Martin: Another thing: If we look at all the cities in this country, people tend to be just can't grow a garden." And that's just not here. (Laughter) Can't stand them. so.

I used to live in San Francisco years ago, and I had gardens that happened to be on the desperate, and they're not only desperate but roof, and they happened to be in big pots and that kind of thing. You can, either with rooftop growing or with grow lights, improvise and come up with some really creative ways of having nice plants, either food or not food, in your space. And it's just a question of your food, which is what they're all about, Mother respect, and gentleness, and you'll be rewarded own creativity that limits the possibilities.

thinking about it and would rather go to the they've been exposed. I assume they can and day-out, so you're probably so close to it.

totally different experience.

Let's talk about genetically altered seeds for *Times* writer is exposing them. a moment. What's your take on that?

much, follow-I don't know if you are familiar with Michael Pollin?

Martin: No, I'm not.

Rodale: He writes for the New York Times Martin: I live in Tehachapi, and as I magazine, Sunday magazine. He's just coming come from the mountain area into town, I pass out with a new book in May, called *The Botany* all these sod farms, and it blows my mind Of Desire. To me, if you want a really by the way, Rick Martin has put together a because they've pulled all these apple orchards articulate voice on why genetic engineering is long list of good seed companies, including this around here and they're growing grass now, just stupid (laughter), he's the greatest person one, in his gardening article elsewhere in this because that's more lucrative than growing to look to. The most recent thing he wrote for issue of The SPECTRUM.] the New York Times magazine basically Rodale: I think lawns, by themselves, are explains the "golden" rice that has been

Martin: I'm familiar with Monsanto. I'm

promote Monsanto, on television, as saving the do? I almost think, from an world, because they're creating this rice that's

> If they, say, gave just a quarter of that and Asia, the problem would go away completely! They're just desperately trying to-you know, Monsanto has basically come out and said that chemical farming and agriculture and gardening ARE poisoning the planet, and THAT'S why they're creating genetic engineering, to kind of make it all there in our food system, but people don't don't limit yourself. know about it.

gardening, you are doing a lot of weight- strong hits, and rightly so. We've delivered as probably the stupidest tool ever invented! But many of those hits as possible, and will the tiller is especially good when you're just continue to do so. It is the corporations like starting out and you really want to loosen up Monsanto that are the bane of agriculture. I the soil. Over-tilling is NOT good, because limited in their thinking about gardening. It's can't speak negatively enough about you're chopping up all the earthworms—which, the mindset: "If I don't have an acre of land, I organizations like that. So, there's no prejudice I found out recently, do not grow back. They

Rodale: Right. You and me both.

Martin: Yellow rice, huh? They're effort to disguise what they're doing. It's not nice to fool Mother Nature.

The whole concept of genetically altered Nature is just going to turn around and bite I think people tend to get limited in their them, eventually. And I think it has been;

grocery to buy lettuce, which happens to be recover because they have so much money, but Martin: And I don't know what that is, pretty bland, rather than growing their own everyone has to be alert to what their next beautiful butter lettuce, or something that is a move is because they can pop up from any direction. I'm glad to hear that this New York

> Any recommendations as to where people Rodale: That it's unnecessary and unwise, might go for non-genetically-altered seeds, non-

> > **Rodale:** Seeds of Change is great; they're my personal favorite.

> > [Editor's note: To request a cool catalog or order seeds from Seeds of Change, call 888-762-7333, or visit their highly informative and colorful www.seedsofchange.com website. And

Martin: They're in New Mexico?

Rodale: They're company is located in over the country. So it's not just a regional seed company.

Martin: And this is something of a **Rodale:** They've basically created a yellow repetitive question, but what would you say to

> Rodale: Don't be ruled by your fears in gardening, then I think it is wise to get over it. (Laughter)

**Martin:** (*Laughter*)

Rodale: Because there's nothing to be afraid of.

Martin: Absolutely. What's your take on the use of equipment and gardening? Some people think that you can't have an organic garden and use a tiller. I've tried to do my part to dispel that myth. If you've got to use a tiller that shows that the only two activities that better. They've just failed miserably, and the to get the soil so you can grow, use a tiller. If prevent osteoporosis in women are weight biggest crime is that this stuff is already out you want to use a shovel, use a shovel, but

> Rodale: I mean, there are good tools, and Martin: Well, Monsanto has taken some there are stupid tools. The leaf-blower is don't turn into two earthworms; they do get killed. It loosens the soil more than it needs to be loosened.

So, I think a lot of organic gardening, and they're doing a lot of work under different all these related issues, are basically just umbrellas other than the Monsanto name, in an common sense-moderation, don't overdo it. Don't put too much compost on. Don't get obsessed about it. Just kind of approach your garden, your back yard, with a healthy dose of for it.

Martin: You're around this subject day-in

It's like us in the newspaper business, we're composter. I, basically, just throw it on and whole general field? just so close to information all the time that take stuff from the bottom when I need it. I look at it.

agriculture today?

Rodale: I think there are two main areas that have to be dealt with. One is creating solid research into why organic is better, in advantage of it. But don't overdo it. Don't terms of food. If you look, there really isn't over fuss. Don't over-use compost. Just be for taking the time to do this. any solid research that proves that organic food is more nutritious, healthier. There's a lot of research about soil health, environmental health, water health quality being better. But there is still a real lack of research in terms of the looking at the whole field, what kind of advice Internet website. Check-out their "Watchdog" organic food being better.

like the organic agricultural movement not cause in whatever way, either through having subscription to Organic Gardening is \$19.96 in killing itself, because part of the organic ideal is their own gardens or sharing information about the United States (7 issues). Write to their agriculture to meet the needs of people, there's concerning organic food, organic gardening, the to subscribe. You'll be happy you did.] going to have to be a sense of accepting large farms, and supporting large farms. We've got to band together and do everything possible that needs to be done, rather than tear ourselves apart.

Martin: Well, of course, the trend in this country over the last number of years has been for the family farmer, the small farmer, to go out of business. They're being completely usurped by the large agricultural concerns, like Monsanto. So, there is a real struggle, in middle-America, to survive. And, of course, many of these farms are going under because of the cost of heavy equipment, loans from banks, and that sort of thing.

Rodale: And the cost of chemicals, and pesticides, and genetically engineered seed contracts.

Martin: Right.

Rodale: There's a great book out that I'm just now reading, called Fast-Food Nation. Have you heard of it?

Martin: No.

Rodale: Basically, the premise of that book is that we tend to think that it is the Monsantos that have killed organic agriculture and the family farm. In reality, it is our own desire and consumption of fast-food that has killed the family farm, because the more you eat at McDonald's, the more you eat at Burger King, the more you are supporting this whole infrastructure of cheap, mass-produced, and low-quality food, produced at any cost to the environment.

We always tend to blame other people, but really, we have to examine our own actions, and understand all of the relationships between things before we come to make a judgment.

Martin: Any words of advice about composting?

Rodale: Again, just don't be afraid to do it. Throw stuff on the pile. I'm not a fussy

not

So, just let Nature take its course, and take sane about it.

Martin: Moderation.

Rodale: Moderation.

I also think the second big area is kind of about organic growing and want to further that organic gardening issues.

Rodale: I think I always just come back sometimes it's hard to back up and take a fresh used to, also, be intimidated when I was to-everything you do matters, so pay attention younger. And the more I researched and to everything you do. Try to support organic What do you see as some of the key issues understood it, decomposition is just such a as much as possible, whether it's in your own concerning the whole field of organic fundamental, natural process, that it's going to backyard or at the supermarket, or even buying happen whether you do anything about it or recycled toilet paper. Everything you do matters and has an impact. It's in the details that we'll create a massive change.

Martin: I know you're busy. Thank you

Rodale: You're welcome.

[Editor's postscript: For those of you unfamiliar with Organic Gardening magazine, Martin: Again, stepping back and just you may visit them at their www.organicgardening.com would you give our readers who are concerned section for the very latest news on controversial A one-year this sense of the small farm, the family farm, in gardening with others? What sage words of subscription service at: P. O. Box 7377, Red a community. But, in order for organic wisdom would you have for our readers Oak, IA 51591-2377, or call: 1-800-666-2206



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## **Farming Ourselves Into Oblivion: Small Sustainable Farms Are Our Greatest Hope Against A Faceless Agriculture**

Editor's note: It is always a refreshing—if too often scary—event when someone who really KNOWS is courageous enough to tell the truth. person of tremendous professional background is willing to be honest enough to reflect upon their own involvement in an area, and admit that their past contributions may not have been all that helpful—given what they know now. In other words, live and learn.

interview with retired agricultural economics professor, Dr. John Ikerd. This interview was conducted several months ago by the superb publication ACRES U.S.A., which has generously granted permission for reprinting here. (Contact them at: ACRES U.S.A., P.O. Box 91299, Austin TX 78709; 1-800-355-5313 or 512-892-4400; website: www.acresusa.com and a subscription is \$24/year.) The SPECTRUM has emphasized some of Dr. Ikerd's provocative commentary in italics.

Dr. Ikerd is professor emeritus of agricultural economics at the University of Missouri's College of Agriculture, Food, and Natural Resources. To contact Dr. Ikerd, write to: 5121 S. Brock Rodgers Road, Columbia, MO 65201; or e-mail: <JEIkerd@aol.com>.

How long will it take for us to learn the lessons that the organic farming community has been offering for a very long time? Thanks to heartless agriBUSINESS, we not only have sick animals and sick plants and sick soil—but a lot of heartsick farmers who have lost their land or who feel cornered into "going along with" what they instinctively know is wrong. Throughout Dr. Ikerd's assessment, those of you who are perceptive about such matters can't help but spot the New World Order gang's covert agricultural agenda in full swing.

On the one hand, what is happening is surely a sad state of affairs; longtime family farms are dying out with each passing growing season. But on the other hand, there is great hope in the socalled "niche farming" that the big boys of agribusiness have largely overlooked. And THAT route is bringing new enthusiasm and great satisfaction to many who have a love of the land in their heart, as well as a genuine desire to help their fellow man.

#### DECEMBER, 2000 DR. JOHN IKERD

the effect: "Let the cartels have agriculture. Who needs it? We are getting along fine without the individual farmer." Without trying to serve you up a loaded question, how would you assess the pros and cons of that statement?

**IKERD:** I think from the pro standpoint that We are pleased to share the following he is talking about what economists have been talking about for years; they are saying that the only thing that really matters with respect to agriculture is that we produce food and fiber as cheaply as we can possibly produce it in terms of purely economic cost.

> The generally accepted premise is that the most efficient way to do anything in this economy is to do a kind of industrialization, which is specialization, standardization, and eventually, centralization of decision making. That is the process that we have been going through in agriculture throughout my professional careerand before that for at least the last 50 years.

We have been trying to industrialize basically? agriculture. We have been centralizing, first by going from diversified family farms to the the farm as a factory, and running a field or a specialized crop and livestock, and now specializing in a particular crop or livestock or even in a particular phase of livestock production.

ACRES U.S.A.: Such as your hog

operations and dairy operations?

**IKERD:** Hog operations are a good ACRES U.S.A.: One of the bankers at a example. The crop farms in this area of the It is even more satisfying and admirable when a recent meeting of that fraternity made a remark to country are corn and soybeans, and in some cases, only corn or only soybeans. We have specialized, and then we have standardized the whole process to make those systems work.

We tried to get it down to the point where we could farm by recipe as much as possible. We came out with recommended practices or best management practices or the best varietywhatever it is. We are trying to make the same thing work on every farm by standardizing every process and by standardizing through grades and standards so that we only sell basic, generic commodities.

Where we are now is really in the final stages of that third stage of industrialization, which is the consolidation or centralization of decision making. We have really been going through that for some time, from the standpoint of moving to larger and larger farming operations, which mean fewer and fewer decision makers.

ACRES U.S.A.: This is monoculture,

**IKERD:** Monoculture really operates with feedlot as if it were an assembly line.

ACRES U.S.A.: Doesn't it rely to some extent on a certain type of accounting too?

**IKERD:** It is basically just the economic

#### John Ikerd, Ph.D.

John Ikerd is an economist who has studied the farm scene before and since graduating from the University of Missouri. His 30-year career was spent at four universities: North Carolina State, Oklahoma State, the University of Georgia, and, of course, the University of Missouri in his home state. This native returned to Missouri in 1988, bringing along an outlook that recognizes the new paradigm in farming. Ikerd began his career as a "traditional" economist. His area of special attention was livestock marketing, market outlook futures, and all the nuances of farm marketing reality. "I really began to question a lot of the things I was doing during the farm crisis of the 1980s" Ikerd said. This led to an in-depth consideration of farm financial management. Facing this hardscrabble reality forced Ikerd to move in the direction of sustainable agriculture. He now spends most of his time

writing and speaking on issues related to sustainable agriculture with an emphasis on the economics of sustainability.

accounting in terms of measuring production in terms of output per person, per farmer, or in some that the increased incentive to specialize, by that the limiting factors are the number of people who are farming.

ACRES U.S.A.: We have often pointed out that, in terms of capitalization per acre, and even in terms of production per acre, smaller units seem to measure up a lot better.

**IKERD:** Smaller units that are more intensively managed, that have more managers per acre—more people, more farms, if you will have the capability certainly of increasing production per acre over and above what you can do on a large farm.

The output per unit of capital in agriculture, and the output per unit of purchased input in technology invariably promises that the farmer, if They see, in particular, an opportunity in agriculture, have been going down over the years. But if you measure simply in the generally cost per unit, at a lower cost per bushel or per farms can gain a large enough proportion of the accepted industrial economic terms, then back to hundredweight. But to gain full advantage of that total market, then they can stabilize supplies and your original question, the big corporate new technology, they have to expand their they can stabilize profits over the long run. operations would tend to move you toward a production or their output. more efficient kind of agriculture from a strictly economic standpoint. That is what people are that comes in, the early innovators adopt it and on the end of agriculture in the American going by.

I don't think that you can even justify where we are now in terms of the corporate takeover of agriculture from the standpoint of economic efficiency, although that is the economic argument. I think that now the consolidation and corporate takeover is being accomplished by production than the corporate operations—are losing access to the markets. In other words, the corporations are using their market power in the markets, or to at least impede market access on the part of the independent producers.

ACRES U.S.A.: Doesn't that extend to management of public policy as well?

**IKERD:** Yes. I think public policies that we have had over the years have reflected this bias in terms of what we have concluded was the way to as they try to stay in business. achieve the most efficient agriculture.

all the government programs that we have had in come at it from a different angle. agriculture, and those programs have really promoted or provided farmers with an incentive to become more and more specialized, more and more standardized, and more and more centralized, or consolidated, in terms of the management and operation of the farming operation.

For example, take the price support programs that have been popular with farmers because they look at them as a way to prevent having to accept low prices. But what the commodity price support programs do is take the risk away of having an extremely low price. In other words, the government makes up the deficiency in price. That really allows farmers to move away from the diversified farming systems and to specialize in a specific commodity.

What they don't realize when they do that is and larger. cases, production per acre. Those things assume *removing some of the downward price risks, is* driving farms toward becoming larger and larger, which means, as they move in that direction, an ultimate winner without stopping and thinking some farmers are going to be forced out of business.

> ACRES U.S.A.: It hasn't prevented a lot of farmers from consuming their own capital, has it?

**IKERD:** No. Generally that is part of the process by which the farmers are forced out of farms into fewer and larger farms, with those business. You have something come along, farms continuing to be under family ownership or usually a technology that comes in, and even the *independent farm ownership*. What we see now technology that we have developed through the is that corporations are moving toward USDA and the public institutions—the land grant universities as well as in the private sector-that

they expand their output as more and more of portfolio. The big fish will swallow the little fish, them adopt that new technology; then, of course, and then the foreign fish will swallow the production increases and the prices drop. You get into a situation then where the people who don't eventually have to adopt it just to survive.

purely market power strategies where the reason or another, because of their financial independent farmers who are out there-even if situation or because of a bad crop year or because for the corporations rather than independent they are more efficient and have lower cost of of not being in a position to adopt a new decision makers. technology, they are the people who are forced out of business.

That process of forcing them out of business is processing and distribution sector to eliminate something to look at. They don't go out of business over night. They get into a situation where they are not competitive because of something new that has come along. Initially, agriculture is really under the control-either rather than cut back or go out of business, they will simply, as you say, consume some of their capital. They will live off the capital appreciation corporations have no sense of place. They have

**IKERD:** They get caught up in this race of saying "This is the way agriculture is. We are going to have to find some way to continue to get larger and larger, and more and more specialized."

They don't realize that if they play that game, there are going to be fewer and fewer winners every round. The system is forcing you to fewer and larger farms, which means there are fewer and fewer farmers who are going to survive each round.

The losers, so to speak, use up the capital and whatever they have got in agriculture, and eventually they either go bankrupt or they see the handwriting on the wall and realize they can't continue to farm this way, and they sell out, while they still have some equity, to the neighbor who is still on the treadmill and still trying to get larger

ACRES U.S.A.: Who thinks he is going to be an ultimate winner.

**IKERD:** Yes. He thinks he is going to be that, in the end, there will be fewer and fewer winners each time.

This has been going on for years and years. But, what is different this time is that we are in a process now where we are not just consolidating agricultural production in a big way.

I think they learned from the poultry model. they adopt it, will be able to produce at a lower agriculture where, if a few enough of those big

ACRES U.S.A.: But is that going to be When we have a new round of technology possible? I am thinking of Steven Blank's treatise American fish. What is your take on that?

**IKERD:** I think that is a logical next step adopt the new technology quickly enough with what is happening now. We are in a situation where the corporations are taking Then you are left with people who, for one control of American agriculture. The farmers who are left out there become contract producers

> More and more, those corporations are going to be multinationals in one sense or another. They are going to be a subsidiary of some foreign firm, or they are going to be a U.S. firm that has subsidiaries in other countries.

When you get into that situation, where total contract or direct control-of just a handful of giant multinational corporations, then those no commitment to a particular community ACRES U.S.A.: The one thing they don't because they are not a person; they have no I think you can look straight down the list of seem to want to do is think the thing through and particular commitment to any country. They are simply trying to make as much profit as they can and grow as fast as they can. That is all a corporation can do; it is nothing more than a piece of paper.

> What Blanks says—and I agree with him—is that when you reach that point, then you are going to have agriculture located wherever in the world that resources are the cheapest, particularly the land and the labor resources. His argument is that land and labor are always going to be cheaper somewhere other than in the United States as long as we have an economy where our level of living exceeds most of the rest of the world.

> Agriculture will be moved out of this country to someplace where the land and labor are cheaper.

ACRES U.S.A.: An associate who used to

be an editor of the Tulsa World newspaper once there become contract operators, or at best have to see that it is really in our benefit to take independent farmer, we are closing down one of the most successful institutions of learning that this country has ever had. As an educator, how do you see that?

**IKERD:** I agree with that. I think that statement comes from the standpoint of seeing the real potential productivity for the future, and actually the real future of human civilization depends upon having people who are productive—as opposed to just having technologies or factories or whatever the means of production might be.

One of the big concerns I have now is that we are moving toward a system where fewer and fewer people are doing the thinking and making the decisions. Ultimately the benefit in any society or economy goes to the people who do the creative thinking and who make the decisions.

ACRES U.S.A.: And that has always been the farmer, hasn't it?

**IKERD:** agriculture—and this is not just true of agriculture, but of a lot of other sectors of the economy that have been virtually destroyed up until now—but farm intellectual resources. In the process of in agriculture it was the farmers who were doing *gaining economic efficiency, we have really been* the thinking; it was the farmers making the *depleting that basic resource base that ultimately* decisions.

Each one of these farms out here was a unique farming system, a unique operation; they had their own particular set of enterprises which for many of them were very diverse-hogs and chickens and cattle and whatever. Up until the chemical age in agriculture they had to understand how to keep their particular piece of land fertile and keep their crops growing. They had to understand how to rotate crops to at least minimize the pest cycles and keep the productivity up. In other words, the farmer had to have a knowledge and they gained this knowledge either by growing up on the farm or working with someone else who had the knowledge.

Thomas Jefferson and various leaders through the ages, have referred to as the real solid foundation for society and the economy among rural people and among farmers. We had that tremendous stock of knowledge, then, in the heads of these people.

agriculture, what we have done is transferred this thinking and this knowledge off the farm. These new technologies that we have developed over the years, these industrial technologies, have not been developed by farmers; they have been developed in a university experiment station or by someone in an agribusiness laboratory somewhere.

That information is simply transferred to the farmer, and all the farmer is doing with that You have to have respect, confidence, and some ecologically sound. They are not risking their technology is just applying it. They don't understand what is going on because they are not doing the thinking. As we move into these contract production operations, the farmers out self-interest to be taking care of ourselves. We they all have that ecological conservation or

made the remark that, in closing down the franchise holders, and they are not doing the care of other people-and that is, people within thinking; they are not making the decisions.

> What we are doing is really depleting this and the decision making into the minds and hands of fewer and fewer people.

> resources, let's say. For instance, out there in the Imperial Valley there are thousands of acres off duty because they have been salted to death by that kind of label-reading farmer who didn't understand the system.

**IKERD:** That's the downside, going back to your original question of how would you assess the pros and cons of agricultural industrialization. What we have talked about until now has been economic efficiency.

But pure economic efficiency basically ignores what we are doing to the inherent productivity of water. It also ignores what we are doing to the inherent productivity of the people, such as the we are going to have to depend upon to feed and clothe ourselves.

ACRES U.S.A.: Is the sustainable model a viable alternative?

**IKERD:** I think the sustainable model is the common-sense alternative if you look at it in the generic sense. To me, sustainability is nothing more than saying we are going to look at the long run; we are not just going to look at the short-run economics as we have with the industrial model. We are not just going to ask the question: can we feed and clothe ourselves today, but can we sustain the ability to feed and clothe ourselves indefinitely into the future, and can we do it in such a way that it is good for people?

I think that is what a lot of people, including how can we meet the needs of the present and leave equal or better opportunities for people of of living. I am not going to say that these people the future? It is farming for the long run and who I am talking about are necessarily going to farming that will last.

community, is it not?

**IKERD:** Right. It is farming in the sense of Going back to this industrialization of not only meeting our needs, but meeting the needs of society into the future.

> I like to think of it as applying the Golden Rule. The Golden Rule says: "Do unto others as you would have others do unto you." We go about farming and it is important that we are able an acceptable level of economic returns and they to take care of ourselves as farmers or people involved in agriculture because we can't do well by other people unless we do well by ourselves. integrity yourself, or else you can't do well by other people.

communities, within families, and within societies today. It is developing the kind of agriculture intellectual resource by concentrating the thinking that is not just good for the producer or the consumer, but good for society in general. Sustainability really extends that and says it is not ACRES U.S.A.: We are getting diminishing just about doing for people now, but it is doing returns in the resources themselves, in the landed for people of the future as we would want them to do for us if we were going to be a member of that future generation.

> ACRES U.S.A.: Joseph Schumpater, the economist, once made the remark that it is the innovator who launches the assault on the establishment. Are we going to have enough innovators in sustainable agriculture to turn this situation around?

**IKERD:** We have thousands of innovators primarily the pros in terms of simply pure now. Nobody can foresee the future with absolute certainty, but we have the innovations all across the country.

I am one of the privileged people who really Historically, in American the natural resource base of the land and the has the opportunity to go around the country to attend and speak at various conferences where we have hundreds of farmers at any given conference, with thousands of farmers all across the country who are really following this general approach in terms of sustainability. They are farming in such as way as to meet their needs and be profitable while being sustainable.

> ACRES U.S.A.: They are able to do this with a niche-type of approach?

> **IKERD:** They are doing it mainly by being more intensive managers, by making more of the decisions themselves, which allows them to reduce the costs and gives them access to a particular high-value niche market such as organic and hormone- and antibiotic-free meat and things of that nature. It is recognizing their particular abilities as producers, so they do the things that they feel strongly about and the things that they do best.

They also work together and build To me sustainable agriculture just simply asks: relationships, and they are able to make these work. They have an acceptable economic level be the wealthiest farmers in the county. I will say ACRES U.S.A.: It is also farming for the that, in most cases, they have a better level of living if you include the whole realm of how much they are contributing to their net worth, whether or not they are living off their capital, and whether or not they have a sense of economic security that will enable them to go on, year after year, without government programs and things of that nature. In other words, they have are able to do it in such a way that they are taking care of their natural resources.

They are farming in a way that, to them, is health with pesticides, agricultural chemicals, hormones, or whatever it is that they are trying to But it goes beyond the economics of move away from. They are not all organic, but
environmental dimension to what they are doing. ACRES U.S.A.: You think these two dimensions are what it takes?

**IKERD:** *I think there is a third dimension* beyond the environmental or economic dimension. These farmers have a very strong sense of community and family, and their farming is very much about building relationships with other people, particularly likeminded people in the organic or sustainable agriculture community, or other people who have a different vision for the future.

I used to be pretty much in conventional, mainstream agriculture, and I still go to some of those conferences. Mainly what you hear in know that there are thousands out there and that conventional agriculture, and have for years, is depression. It is about what the government isn't doing that it should be doing, or is doing that it there are lots of people involved in it. They are shouldn't be doing; it's about market, it's about now in the process of doing the pilot program of struggling to stay alive, and it's about trying to the first 50 of these. I am optimistic that, when beat out each other to see who can have the they see the first 50 that have been put together, highest yield or who can farm the most land or who is going to get the next farm that comes up for sale.

ACRES U.S.A.: It is all about traditional competition for resources.

**IKERD:** It is a very competitive, destructive, and depressing environment in which you are operating.

In the sustainable agriculture meetings it is exactly the opposite. These people are optimistic hope for the future. They think they are involved in something that is working and that is going to work even better in the future. They share information with each other. It is generally just an altogether different attitude.

I was a little bit concerned last fall when I went out on the meeting circuit because agriculture commodity prices have been so depressed for the last couple of years. I knew a lot of what I would call sustainable producers, or alternative producers, sell a lot of basic commodities. I thought it might be difficult for them to hold on and continue doing what they are they had over 400 people, and that was just one doing.

But what I found was just the opposite. These people were more optimistic about the future because they realized that if they hadn't changed their operations over the last 10 or 15 years, then they probably would have been in a very severe financial situations this year.

I talked to guite a few people who said that the downturn in agriculture commodity prices had really encouraged them, or in some cases pushed them, into going ahead and making the changes that they wanted to make anyway. In other think that was up to 3,200 last year and growing. words, it had made them even less dependent on I was out in Fresno, California, and they had their the commodity market than they had been before, because it kind of gave them a push to go ahead in the heart of contract and commercial and do more direct marketing or niche marketing agriculture. They had about 150 people there. or something different that would make them less vulnerable to these economic downturns.

ACRES U.S.A.: Have you surveyed state by state, or in Missouri, the scope of sustainable

# agriculture?

**IKERD:** It is very difficult to define because sustainable agriculture doesn't have a particular recipe. You can't look at a particular set of practices and say this is sustainable and that isn't, because it is all in how you put it together. Sustainability is much more in the minds of the people who are farming.

I have been involved in a project with the USDA to develop a thousand-case study of farmers all across the country who farm according to what I call this sustainability philosophy. You could really see the diversity of it.

I wanted to put together a thousand because I there would be enough to get across the fact that there really are all different ways of doing it, and then they will go ahead and support the project.

ACRES U.S.A.: When will these case studies be available?

of the year. There are case studies scattered all over the country that I am familiar with, but they are not pulled together in one place and there is *particularly a responsibility of the public and* no uniformity about the questions they are asking land grant universities to stay in tune with the and the information they are getting.

bounds.

Farming Association this fall, and I know last fall I believe them to be true. state. I was out at the Northern Plains Sustainable Agriculture Association a year or so ago in Bismark, North Dakota, and even out there, where they are sparsely populated, they had 250 or 275 people. I was down at the Southern Sustainable Agriculture Work Group meeting in Jekyll Island, Georgia, and there were over 400 people there. The Small Farm Conference here in Columbia is putting more and more of an emphasis on sustainable agriculture in both the Conference and in Small Farm magazine, and I On the West Coast of California they have big conferences that have been going on for some time.

a conference and it was the only one in the country.

**IKERD:** Yes, but now they are going on all across the country. But my perception is that attendance is falling off because there are fewer and fewer farmers left out there.

I think there is growing evidence of a viable movement, if you will. I resisted the term for a long time, but I think when I talk about sustainable agriculture now, that it is a movement.

I think sustainability is a social movement; it's a change in farming; it is really fundamentally a different philosophy of life.

That's what I see and that's what I hear among a lot of people at these conferences. The people who come to ACRES conferences have a different philosophy of life than do the people who are attending a lot of these commercial agriculture meetings.

ACRES U.S.A.: To what extent will the university participate in this movement?

**IKERD:** I am very pessimistic about the universities participating. I have worked very **IKERD:** I think that will be out by the end hard for the past 10 or 11 years at the University of Missouri to convince the university that sustainability is a part of the future and it is needs of the people as individuals. The I can tell you—and you can verify this all corporations can basically take care of and enthusiastic, and they really have a lot of across the country-the places where they have themselves. I am not opposed to technology or organizations that have been around for the last even the industrial technology if someone wants 10 years or so, since sustainable agriculture has to develop it as it arises out of the free market, come to the national level, where there are farmer but I am opposed to taking taxpayer dollars and meetings, where 75 to 80 percent of the attendees using them to support the development of the are farmers and not USDA or university people, kind of technology that displaces people, those organizations are growing every year. In degrades the resources, and degrades the ability some cases they are growing by leaps and of people to make a living. I think that is a lot of what is going on. I said that when I was with The Upper Midwest Organic Conference, for the university, and since I have retired. I am example, had over 1,200 people this year. I am still a Professor Emeritus at the University of going out to the Ohio Ecological Food and Missouri and I still say the same things because

ACRES U.S.A.: You are writing off the university?

**IKERD:** I'm concerned. I am not going to write off the university in terms of working with the people in sustainable agriculture. There are some good people in the university who are working very hard to try to maintain the integrity of the program and try to continue to build it so that it will serve the needs of what I call the common people-small farmers and people in rural communities. Those are not the people who are basically going to be on corporate contracts in the future.

I think there will be less and less need for first meeting of an organic farmers group-right the things that universities legitimately did in the past, when we were going through the industrialization of agriculture, because there will be fewer and fewer decisions that will be made on the farms out here. More and more of the decisions regarding breeds, variety, production ACRES U.S.A.: Thirty years ago we staged practices, equipment, technology, buildings, or

whatever—all of those decisions are going to be to see that kind of split in the proportion of that there is also a growing market for hormonemade by the corporations. The people who are farms that are going to the corporate sector and and antibiotic-free meats. It is not necessarily on the land, the farmers, are going to be either contract laborers or contract landlords.

ACRES U.S.A.: It sounds like the opening chapter of Grapes Of Wrath.

**IKERD:** Yes, I think so. It has been a long time in the making, but I think we are in the final stages of it.

ACRES U.S.A.: This corporate agriculture depends largely on a peasant labor force, so to speak.

**IKERD:** That is how some people have referred to it. Some talk about serfdom and say farmer is going to be the equivalent of the serf who is out working the land for someone else.

Some people refer to the folks who are in the poultry industry today as the new serfs of agriculture. I don't think that is necessarily farmers have to break away because the just released information saying there are unfair. I think a closer relationship to what we industrial system of processing, marketing, and something like 5,683 farmers' markets in the have today is a franchise operation, but most people look at a franchise and don't understand what is involved in the ownership.

People see a McDonald's hamburger franchise and think this is a real going operation. They think the manager is making money, but the franchise who make the money, and the people who pay them to put up the golden arches are barely getting a living wage out of it.

ACRES U.S.A.: Certainly the people who are working there aren't getting anything but marketing; these are small markets. But in up and realized that it just wasn't working. minimum wage.

**IKERD:** The people who are working there market is a niche market. don't get anything, and the people who even own these franchises, if they also operate the a little bit different, and we franchise, don't get anything much more than a all want something a bit living wage.

ACRES U.S.A.: Are you going to continue anybody else wants. We speaking on the circuit, so to speak?

**IKERD:** I am continuing to speak out on these issues and write about them and do whatever I can. As I say, I think this is a movement; I think it is important; and I am concerned about what has happened to agriculture during my career.

I guess I feel somewhat responsible, since tremendous variety in the during most of my career I was at least a part of what I see as negative in agriculture. I wasn't still isn't providing all of doing anything in particular to move it in a the variety that all of the positive direction. Now I want to do what I can customers would prefer. to use what I have learned along the way to help make the situation better.

In the long run, the agriculture that we the individualized service have today in this country is simply not and attention they want. sustainable. In the longer run, we are going to The place where it shows lose the ability to feed and clothe people in the up now is in the fastest process of trying maximize production and profits in the short run.

ACRES U.S.A.: We do have the situation been growing about 20% a where ConAgra and these other big corporations year for the last eight are increasing profits exponentially, but their years; it has been doubling primary suppliers are going down the tube.

**IKERD:** I think we can expect to continue

independents or the contractors.

ACRES U.S.A.: The only answer to that is to change the system. If not the entire system, then at least your farm system.

**IKERD:** That's what I tell people. A lot of the farmers have already done that. But eventually, even the farmers who are out here today-for instance, those on managed grazing systems—the main thing they are working on is reducing the cost of production.

Up until now, what has been focused on is we are going back to medieval times. The reducing costs, but I think the day will come when the small dairies—as the chicken people did-are going to lose access to the market unless they develop their own market all the way much attention to three or four years ago, and through to the customer. I think individual they are growing faster and faster. The USDA distribution eventually is going to wring all of country now and they are growing at a the profitability out of whatever kind of farming tremendous rate. CSAs-where you pay for or production operations sell to them or feed to your vegetables at the beginning of the season, them through a contractual arrangement.

# ACRES U.S.A.: Is there any good news?

**IKERD:** I think the good news is that in fact, break away from the system.

reality, every consumer We all have tastes that are different from what just buy all the same things at the supermarket because that mass production, mass distribution system can only handle a very limited variety of things, even though we think there is grocery store. That store

These individual farmers are giving people growing niche market—the organic market. It has every three or four years.

You probably know

the proportion of farms that are going to organic, but it is people who do not want meats with hormones and antibiotics.

> There is a fast-growing market for range chickens and pastured poultry. People don't like the taste or think that the chickens that come out of the broiler factories don't have any taste.

> ACRES U.S.A.: If they have a taste, it is an unwholesome taste.

> **IKERD:** People will pay almost anything for chickens that are raised and slaughtered right on the farm. I haven't met anybody yet who could raise and slaughter as many chickens on the farm as customers that would come out and pay anywhere from \$6 to \$8 a bird.

> These are all niches that nobody paid very and then pick them up throughout the seasonare also growing.

All of these things, people look at them and that is not the case. It is the people who own independent farmers are proving that they can, say they are just little niche markets, but I run across people all of the time who are making these A lot of people look at it and say, well, these work. We can hope that in 30 or 40 years are just niche markets; they are just selling industrial agriculture might be the dinosaur of the through farmers' markets or CSAs or direct past that we discarded because people finally woke

> For interested readers, The SPECTRUM will have a booth at this upcoming San Francisco Bay Area Rick and Gail will be present to answer show. questions and accept subscriptions and book orders.



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# **Basic Safety Net In Difficult Times** $\mathbf{So} \mathbf{Yo}$ vant 'l'o Plant . Garden?

Editor's note: The miracle of a garden is a

boxes, to the most ambitious plot of outdoor many farmers through economic pressures) yet of this year's growing season for North acreage, that a few packets of tiny seeds will turn, over a relatively short span of time, an apparently had to confess on their controlled constantly evolving tutorial on home gardening. area of barren ground into a jungle of juicy media that—surprise, surprise—it now looks like Again this year Rick has updated and expanded edibles is unquestionably the driving force that genetically modified corn, not approved for lures so many of us to the soil. We want to witness this wonder over and over again, each season—because, by the time winter is over, the dimming thoughts of last year's effort seem just adulterated (and diabolically programmed) as they are functionally bountiful. too incredible to believe:

Did it really happen—did all that stuff REALLY grow—or was it simply an overactive of the longtime chemical approach to "pumpedimagination? How could the very same soil + water + sunshine formula produce juicy farmlands look more like a chemical factory than friends'—good health and well being! tomatoes over here and golden corn over there an organic process of Mother Nature. It's a and so many other spectacular creations in between? Did I REALLY give away THAT many cucumbers almost the size of a baseball bat, and STILL can so many pickles to enjoy all through the colder months?!? Yes, it's a of both commercial profit and a more sinister miracle alright—going on right before our eyes health-degradation-of-the-populace agenda according to the most ancient yet subtle of Nature's ways.

This year the value of a garden takes on an atmosphere of urgency not seen since the Victory Garden days of World War Two. Where did fruit on grandma's dining room table looks (and this suspicious Hoof & Mouth Disease come may taste) more and more appealing. from that is decimating European livestock? And what about the even-more-sinister Mad Cow Disease? How many other complex biological terrors are about to be unleashed while being cloaked from public scrutiny through as many diagnostic disguises as "they" can get away with—because of a mostly unsuspecting public.

Moreover, what about the weather patterns that are getting more wild and curiously "artificial" in behavior? Will these wreak havoc upon our farmlands and cause shortages of foods we presently just take for granted will ALWAYS be there at the grocery store? The more "they" play with their HAARP-related super-duper secret technotoys, the more hostile the crop growing conditions will likely become. It really doesn't take much of a change in weather patterns for massive crop failures to result.

creative enterprise within the reach of all of us. plants that's becoming, with each growing very good idea. From the smallest of kitchen windowsill herb season, more widespread (actually, forced upon without our knowledge or desire?

> miracle anything at all grows in the artificial soup that has replaced what used to be rich, mineralized, and worm-laden soil.

> have made most fruits and vegetables blandtasting and vitamin/mineral-deficient at best, and outright poisonous at worst. It's a sorry state of affairs when that old decorative bowl of wax

For all the above reasons—and many more

And then there's the genetic engineering of you all could add-in here—a home garden is a

So, at this timely juncture in the early stages loaded with serious questions. Recently "they" America, we enthusiastically share Rick Martin's his ongoing "work in progress" and we also human consumption, has crept into a lot more include several photos of some of his past than just those millions of taco shells that were efforts. His local gardens are, from personal recalled several months ago. What else has been experience, as beautifully satisfying to look at

It's time to get to work—or play, as the case And that's "just" the icing on top of the cake should be—and enjoy the satisfaction of creating one of the most important contributions you can up" agriculture—agriBUSINESS—that makes our possibly make to your—and your family's and

### 3/26/01 RICK MARTIN

The season is once again upon us to begin Genetic and chemical tinkerings-for reasons thinking about ordering seeds and planning the Spring garden. Some of you may already have plants started in flats, perhaps in a cold-frame. And speaking of cold-frames, we've given this "work in progress" something of a face-lift, with new graphics, charts, and hopefully some useful information for you serious gardeners out there.

> The previous "warnings" about Monsanto and other corporations working on genetic engineering of our food still hold true today,



A story honoring en-Light-ened riding masters who developed Guidelines to bring: discipline, beauty, grace, and balance in the movements of a horse, from a girl who desired to be a better rider. She became the first equestrian American woman in Olympic history. This is her own life story; how their Guidelines produced oneness with her horses, also the realization of Creator-God, the Balancing Fulcrum, from riding the Figure 8. The en-Light-ened equestrian masters were Fritz Stecken and Ludwig Von Zeiner, Head Rider of The Spanish Riding School.





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health-food store near you that actually sells some living food, there is nothing, AND I MEAN NOTHING, to compete with freshly picked salads, beets, melons, tomatoes-you name it. There is only one slight problem I can anticipate about such a project: You MAY become addicted to gardening, once you start!

Yes, that's right. You'll have to have your daily dose of

perhaps more so. The importance of home- these days (you know, the kind you pick up in crispy butter-lettuce, or fresh herbs for that grown food just can't be stressed enough. It's the grocery store or at a hardware store) are special sauce. And once you get used to good exercise; it helps bring the family together *hybrid* seeds. on a mutually beneficial project; and it is a pure joy to experience the garden throughout the time; they may be prettier to look at; they may buying that old stuff at the grocery store seasons.

made about gardening, I hope that one point year using the seeds from this year's crop. has been made with absolute clarity. And that point is: RAISED BED gardening has a wealth trough, shell out some more coins, and the big, of advantages over traditional open-field usually oil companies get the profits, while wild over this past year, leaving millions of gardening, not the least of which are:

• increased yield using less space,

summer), and

• less water.

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like, which usually depends upon the contour own seeds? This can (and should) be done by of your property-half moon beds, circular beds, long beds, short beds-well, you get the idea. But getting those beds 6 inches to 1 foot enough—although I suppose this shouldn't be a up from ground level also means you have less distance to stoop down to work. Everything is at arm's reach-presuming, of course, that all beds are 4-5 feet across. (And, as an aside, you don't ever want to actually walk on the pollinated, heirloom seeds based upon the latest subject. beds once they're shaped and planted.)

The scientific gremlins behind the scenes at Monsanto recently had the sheets thrown back that just makes sense. on their "terminator seed" plans, thus exposing Everything about it is them for exactly who and what they are. But good. don't think that, just because public opinion exercise. It's a good rallied on the seed issue for a brief time, this excuse to get you monster won't rear it's ugly head once again, outside, if you need soon, only from an entirely different direction, an excuse. It feels probably under an entirely new name.

"So what!" you say? Well, here's what. tastes good to eat it. The nutritional value of the very food you eat And if you do it right, is determined by a wide range of influences, it looks good, too. but the primary one is the genetic makeup of Moreover, gifts from the seed itself. Beyond that there is, of course, your home garden are soil nutrients to consider. And, of course, the a amount of actual love and other "green thumb" personal way to share energy you put into the planting and growing.

But, let's not pass over the critical neighbors. importance of the actual seed that starts it all. Most commercial and home gardening seeds access to a great

That's right: you have to go back to the laughing all the way to the bank. And there's people the world over without the basics of food no telling what genetic traits important to good or shelter. Food shortages are common in many • less labor (during the hottest part of the health and taste have been eliminated from regions. It doesn't take a genius to figure out those hybrid seeds.

You can make those beds any shape you consideration: Why not grow and save your to help sustain you and your family becomes not utilizing that now-rare breed called "heritage" surprise—there are only a handful of seed companies where you may still purchase these PRICELESS TREASURES. I have expanded the list herein of available resources for openinformation I could find and assemble.

having these gifts from the Earth as staples of Hybrids may all ripen at roughly the same your diet, you just may never go back to even be hardier and more resistant to disease again-at least from the produce section. And In looking over the previous comments I've and pests. But you cannot plant a garden next that's by no means all of the good reasons to devote some of your energies to a garden of life-sustaining bounty.

> The forces of Nature have only grown more that, in what are certain to be difficult economic Here's a concept worthy of your times in the days ahead, having a home garden only prudent, but potentially even profitable.

Let me just take a few moments here, early or "open-pollinated" seeds. Amazingly on, to add some comments of a general nature to this article, originally written some time ago. I guess you could call these comments a general "stream of consciousness" sort of thing, but there may be some points touched on here that I may have missed in the earlier passes at covering this

There are many factors to consider when Planting a small garden at home is an idea planning a garden—be it a little patch for some

It is good good to do it. It wonderfully with friends and

Unless you have



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fresh salad lettuce, or substantial acreage to consider support a larger goal. Water is an important application within that component, and the cost of that water CAN be creative shaping. Also, very expensive.

It is easy to look at, say, an acre of barren physical space between the land and imagine it covered with juicy zucchini, garden beds so that when tomatoes, and lettuce. But it is an entirely you walk through the different matter to plant an acre, water an acre, garden, when it's fully weed an acre, and, generally, devote yourself to grown, you won't have to that acre of land until harvest time. Obviously tip-toe over vines and there are pros and cons to both extremes. But dodge overall garden there is a balance point, I believe, somewhere growth. It simply is a more in-between.

Soil preparation is CRUCIAL to a healthy, nutritional crop. Many of the old-timers swear by cow or horse manure, compost, and other "natural" soil amendments. Others swear by the use of "modern" chemical fertilizers. Only you When you are planting can decide what is appropriate for you and your rows and rows of any family.

consider using other natural amendments than punctuated by open space reserved for manure. Be diligent, though, because most so- subsequent plantings of the same crop. And then called compost, in bulk, these days, is treated a switch to several rows of a different crop, then with either solid waste or urine.

If you sit down to plan your garden and you has some implications in terms of how you prepare the soil. And please don't think that you will be putting seed into the ground the day a real crop.

SOIL PREPARATION and QUALITY SEED (meaning: open-pollinated, non-hybrid not the genetically altered norm) are the key factors to having a beautiful and satisfying to you as you progress in your gardening only watching their gardens sprout. gardening experience.

Another pointer: Plant food YOU LOVE TO EAT. For example, many years ago I really is a creative by-product of your enjoyed cantaloupe and other melons, so I planted LOTS. When it came time to harvest (as I had NOT staggered the plantings—big mistake), I had over 50 melons all ripe at the same time. What did I do? I juiced them, froze or do you want to prepare little the juice, and had fresh juice throughout the seedlings to be transplanted into winter months.

Also, try planting some foods you either don't said for planting seed directly into know about or have never tried. One "fun" food the ground, although often you is spaghetti squash.

And another point: think about color in your garden. It is amazing what a few well-placed flowers can do for the overall appearance of a garden in full bloom, as well as attracting some pest-eating birds and other insects.

When you are designing your garden, place over them. Small seeds contemplate the garden to accomodate the space require a shallow planting. Beans, available. Is this space more conducive to a for example, are planted much circular garden? How about a half-moon?

Raised beds are certainly the most efficient you would like nice straight rows, method of planting (in my opinion)-but where use a string tied between two is it written that all raised beds must be square sticks as your planting guide. or rectangular in shape? Get creative, but Also, sow your seeds more heavily

practical allow yourself enough comfortable feeling to be able to walk through your garden in a relaxed (rather than cautious) mode.

Staggered planting:

open space "reserved", etc.

some extra cash to help with expenses?

experience. Compost, done right, can not only

<u>Crop</u>

Corn

Garlic

Leeks

Peas

garden waste.

Another aspect of gardening to consider is this: Do you want to sow seeds directly into the ground, the garden? There is a lot to be have to wait a little longer for the proper soil temperature.

One COMMON mistake is to plant your seeds too deep. The SIZE of the seed will give you an indication as to how much dirt to deeper than, say lettuce. And if



given food, be it lettuce, carrots, or whatever, than you would normally think to do (or most With the discoveries over recent years about plant a row or two, then leave space for planting seed-packet instructions suggest) if you would bacterial, biological, chemical, antibiotic, and another row or two every other week, for a like nice "full" rows. You can always thin out potentially genetically dangerous substances in number of weeks. So when you are viewing the plants to allow proper spacing, if they're too cow dung, for example, you may want to your garden, you'll have several planted rows thick. But it's difficult to fill in the spaces when there is no seed growing!

In particularly cold regions, the use of a "cold frame" or "mini-greenhouse" can save months of growing time. It is possible within a Ask yourself: is there a particular crop that cold frame to get lettuce and other seedlings decide you want it to be "organic", that decision seems to grow well in your area? Is there a started in "flats" which can be transplanted particular crop that there seems to be a "demand directly into the garden beds when the time is for" in your area? Is there a possible market right. Cold frames are easily constructed and for your excess produce? Could you set up a can be made of anything from cinderblocks and you decide to plant a garden-not if you expect "truck farm" stand at your property and make glass, to a wooden frame with clear plastic. The more ways you can start your garden to grow, Also ask yourself, when planning: is this sheltered from a potentially harsh physical garden large enough to justify starting a compost environment, the more likely it is that you'll be pile? Composting should become second nature eating fresh garden food when others are still

Hydroponics offers another viable alternative create the healthy, aerated soil you need, but it for "indoor" gardening, but that more exotic

# LONG-SEASON CROPS

**Average Days to Maturity** Season of Growth Beans (pole) Midseason 108 Broccoli 110 (60 after transplanting) Early or late 130 (85 after transplanting) Brussels sprouts Whole season 140 (90 after transplanting) Cabbage Early or late Cauliflower 110 (60 after transplanting) Early or late 70-90 Midseason Eggplants 120 (70 after transplanting) Midseason 90 Mid to whole season 150 Whole season 90 Midseason Melons Onions (storage) 100 Whole season Parsley 80 Whole season Parsnips Whole season 120 Peanuts 120-140 Whole season Early or late 70 125 (75 after transplanting) Midseason Peppers Potatoes (sweet) 140-150 Whole season Potatoes (white) 80-140 Mid to whole season Pumpkins 110-120 Whole season Salsify 120 Whole season Squash (winter) 80-100 Mid to whole season 126 (70 after transplanting) Tomatoes Midseason 75-90 Watermelons Midseason Reprinted from: High Yield Gardening, by Hunt & Bortz pursuit is not the topic of this particular article. There are many good references out there on this subject, though it is a more "high-tech" approach to growing things.

Another point worthy of consideration when planting a substantial garden is PRESERVING some of your crop for another day—that is, canning, freeze drying, or dehydrating. Also, if your property permits, consider a "root cellar" where you can cold-store foods such as acorn squash, large onions, carrots, potatoes, etc.

In an older *Seeds Of Change* catalog (also be sure to see their excellent *www.seedsofchange.com* website), we read:

# [QUOTING]

The establishment of a sustainable food system that can provide sufficient nutrition for all is one of the greatest challenges of our time. To do this without damaging our natural resources—water, air, soil, plants, and animals will require an unprecedented cooperative effort. The current commercial, industrial-style model of agriculture is capable of producing massive quantities of food, but carries with it tremendous costs. Foremost is the depletion and degradation of non-renewable resources, including topsoil, oil, minerals, clean water, and widespread social disruption through the elimination of traditional rural communities and their land base.

During the past couple of decades, there has been a growing worldwide movement to reclaim our food system. By implementing state-of-theart organic farming methods, along with timehonored traditional wisdom that has largely been ignored by modern agriculture, conscientious farmers can pass their land on to their children in better condition than when they started. Most contemporary farmers believe in good land stewardship, yet have been forced to compromise because agricultural goods are significantly undervalued, and chemically-grown foods are subsidized by the government. A few philosophically passionate individuals have chosen to adhere to organic principles by creating farm ecosystems that maximize natural biological processes and interactions. They invest more of their time and energy than conventional farmers do into restoring and improving soil with good crop rotation, cover crops, composting, and controlling pests using methods that have a low impact upon the environment.

[END QUOTING]

So, with this background in mind, let's begin our journey toward understanding the mechanics of putting in a garden. And, yes, IT CAN BE FUN!

Oh, one last thing: be sure to plant some sunflower seeds along the perimeter of your garden. Late in the season those big, bright sunflowers really add cheer to the space and attract birds who also feast on the insects feasting on your now lush garden.

# THE SOWER

That same day Immanuel went out of the house, and sat by the seaside.

And many people gathered around him, so that he had to go up and sit in a boat, and all the people stood on the seashore.

And he spoke many things to them in parables and said, "Behold, a sower went out to sow;

"And when he had sown, some seed fell on the roadside, and the fowls came and ate it.

"Other seed fell upon the rock, where there was not sufficient soil; and it sprang up earlier because the ground was not deep enough;

"But when the Sun shone, it was scorched, and because it had no root, it dried up;

"And other seed fell among thistles, and the thistles sprang up and choked it. "And other seed fell in good soil and

bore fruit, some one hundred-fold and some sixty and some thirty.

"He who has ears to hear, let him hear."

— Matthew 13:1-9

# CONSIDER THIS

With geophysical and climatic changes of great proportions looming on the horizon, combined with awakening to the reality of nutritionless food, growing one's own food becomes an increasingly desirable idea. At some point in the not too distant future, it will become a necessity.

"Give us the strength to encounter that which is to come that we may be brave in peril, constant in tribulation, temperate in wrath, and in all changes of fortune, and down to the gates of death, loyal and loving to one another." —Robert L. Stevenson

#### SPACE-EFFICIENT ROOT PATTERNS

The pairings below match crops with complementary root growth patterns. Planted next to each other, roots won't compete and will make the best use of the available space underground.

Beans-carrots	Melons-radishes
Beans-celery	Onions-cabbage
Beans-corn	Onions-carrots
Beans-cucumbers	Onions-eggplants
Beans-onions	Onions-peppers
Beans-radishes	Onions-radishes
Beans-squashes	Onions-spinach
Corn-lettuce	Parsnips-lettuce
Corn-potatoes	Peas-radishes
Kohlrabi-beets	Peas-turnips
Leeks-carrots	Salsify-lettuce
Lettuce-carrots-onions	Swiss chard-cucumbers
Lettuce-radishes Beprinted from:	High Yield Gardening by Hunt & Bortz

the Shawnee:

"Do not kill or injure your neighbor, for it is not he that you injure; you injure yourself. Do good to him, thus adding to his days of happiness, even as you then add to your own.

"Do not wrong or hate your neighbor; for it is not he who you wrong; you wrong yourself. Rather, love him, for The Great Spirit loves him, even as He loves you."

Most people in cities have no idea how to begin a garden or even consider the possibility that such a thing can be done on a smaller scale using planter boxes. But for the average person in more rural areas who is unfamiliar with the often technical aspects of growing a garden, the prospect becomes too overwhelming to consider and is put off indefinitely.

"...the Earth is utterly broken down, the Earth is utterly moved, the Earth is staggering exceedingly. The Earth shall reel to and fro like a drunkard and shall be shaken like a hut and its transgressions shall fall and not rise again." — Isaiah 24:19-20

Well, dear readers, the time for putting off The *Golden Rule* as given by the Prophet to growing your garden—big or small—is past and

# **GUIDELINES FOR SPRING PLANTING**

For spring planting in the Solar Growing Frame, the following vegetables are recommended by Eileen Weinsteiger. Planting dates are for eastern Pennsylvania. Choose varieties described as cold resistant in seed catalogs.

roccoli	Start seedlings indoors in late February or early March and set them into the frame on April 1.
abbage	See Broccoli
arrots	Direct-seed on April 1.
ohlrabi	See Broccoli
ettuce	Direct-seed on April 1. To transplant, start indoors in February and set into the frame in March.
nion sets	Plant in the frame in mid-March.
arsley	Transplant on April 1.
eas	Direct-seed into the frame two to three weeks earlier than you would into a garden, or in mid-March.
adishes	Direct-seed at the beginning of April.
pinach	Start indoors in February and set into the frame in March.
	abbage arrots cohlrabi ettuce nion sets arsley eas adishes

All spacings for spring crops should be at least half again as wide as spacings recommended for growing beds, because of the danger of fungus disease in the moist, warm conditions of the frame during spring weather.

it truly is the better part of WISDOM to take steps in this direction to insure quality nourishment in the days, months, and years ahead. I know that the time for *beginning* a garden for *this* growing season may seem to be too late for some geographical areas which receive this publication—but please remember that the garden spot you prepare will be needed and used not only this season, but for many years ahead. Therefore, by all means, get busy! No excuses! Also, buy a straw hat for Sun protection.

The instructions here are something that I have personally used over the last 15+ years. If you follow the instructions explained here, they *will* work, and you will have food to eat.

The initial financial outlay can be considerable—but in subsequent years the cost is relatively small. When you consider growing your own food, rich in nutrients, the cost should be secondary. The charts within this article hold a wealth of critical information—by all means, USE THEM. Even the most sophisticated gardener can learn from the information contained within them.

"Our old food we used to eat was good. The meat from the buffalo and game was good. It made us strong. These cows are good to eat, soft, tender, but they are not like that meat. Our people used to live a long time. Today we eat White man's food; we cannot live so long—maybe seventy, maybe eighty years, not a hundred. Sweet Medicine told us that. He said this food would be sweet, and after we taste this food we want it, and forget our own foods. Chokecherries and plums and wild turnips and honey from the wild bees, that was our food. This other food is too sweet. We eat it and forget.... It's all coming true, what he said.

— Fred Last Bull, Keeper of the Sacred Arrows of the Cheyenne Tribe, as told to an audience in Busby, Montana, in 1967.

# SIZE-UP YOUR PROPERTY

An obvious first step is to survey your property to see what the most reasonable location for a garden would be. Always keep in mind the availability of water. Choose a location with lots of direct Sunlight. Also consider overall size—the larger the garden, the more time and water it will take to maintain.

You want an area large enough to produce sufficient food for you, your family, and friends, but small enough so you are not an absolute slave to the demands of its size. As a single person, starting with a garden about 10 feet x 10 feet is adequate. I would recommend, however, that larger would be more desirable. For the purposes of this article, I use a

# **GUIDE TO ORDERING SEED AMOUNTS**

Do you have any idea how many seeds you get in a packet? And do you know how that number relates to the garden space you intend to plant? Most gardeners aren't clear on that relationship, and this uncertainty can make filling out seed order forms an exercise in creative guesswork. Seed catalogs offer varying degrees of assistance. The most helpful tell you how many ounces of seed a packet contains, how many plants a packet produces, and how many feet of row that fills. Other catalogs offer slightly less complete information, and some provide no help at all.

When you're in a quandary over how much seed you need to order, refer to the following listing of vegetables for some guidance. It should help you avoid ordering three times as much turnip seed as you really need or having to scramble and reorder snap beans for a midseason succession planting.

2	succession planning.		
	<u>Vegetable</u>	How Many Feet of Row Will One Packet Plant?	
	Asparagus Beans	One packet produces 60 roots; need 15-20 roots to plant 25-ft. row.	
	Fava Lima (bush)	2-oz. packet contains 35-40 seeds, enough to plant a 20-ft. row. 2-oz. packet contains 115-130 of small-seeded variety, 45-50 of large-seeded variety; large-seeded packet will sow 15-ft. row, small-seeded packet will sow longer row.	
	Lima (pole) Snap (bush) Snap (pole) Soybean	One packet will plant 10 poles or 10-ft. row. 2-oz. packet contains 130-150 seeds, enough to sow 25-ft. row. 2-oz. packet contains 100 seeds, enough to sow 16 poles or 25-ft. row. 2-oz. packet contains 200-400 seeds; depending on variety, enough to plant 33- to 66-ft. row.	
	Beets Broccoli	1/2-oz. packet contains 600 seeds, enough to sow 50-ft. row. 1&1/2-g. packet contains 375 seeds, enough to sow 30-ft. row; 1-oz. packet produces 2,500-3,500 plants.	
	Brussels sprouts	1-g. packet contains 250 seeds, enough to plant 25-ft. row; 1-oz. packet produces 2,500-3,000 plants.	
	Cabbage	see Brussels sprouts	
	Cantaloupes	4-g. packet contains 140 seeds, enough to transplant 30-ft. row or 12 hi	lls.
	Carrots Cauliflower Celery Chinese cabbage	2-g. packet contains 960 seeds, enough to sow 20-ft. row; 1-oz. packet contains 6,000-9,000 seeds, enough to sow 250-300-ft. row 0.75-g. packet contains 225 seeds, enough to transplant 20-ft. row. 0.5-g. packet contains 900 seeds. 1-g. packet contains 500 seeds, enough to plant 30-ft. row.	v.
	Corn Cress, garden Cucumbers Eggplants	2-oz. packet contains 200 seeds, enough to plant 50-10-ft. row. 1/4-oz. packet contains 250-300 seeds, enough to plant 25-ft. row. 2.5-g. packet contains 83 seeds, enough to plant 12-ft. row. 0.25-g. packet contains 50 seeds, enough to transplant 100-ft. row.	
	Garlic Kale Kohlrabi Leeks	<ul> <li>1-lb. of sets plants 20-ft. row.</li> <li>2-g. packet contains 500 seeds, enough to sow 45-50-ft. row.</li> <li>2-g. packet contains 400 seeds, enough to sow 40-60-ft. row.</li> <li>2-g. packet contains 750 seeds, enough to transplant 100-ft. row.</li> </ul>	
	Lettuce Loosehead Looseleaf Romaine	1-g. packet contains 670 seeds, enough to sow 30-ft. row. see Loosehead lettuce see Loosehead lettuce	
	Mustard Onions	1-g. packet contains 500 seeds, enough to plant 30-ft. row.	
	Plants Seeds Sets	75 plants will cover 18-ft. row. 5-g. packet contains 1,700 seeds, enough to sow 50-ft. row. 1-lb. will plant 50-ft. row.	& Bortz
	Parsley Parsnips Peas	1.2-g. packet contains 600 seeds, enough to plant 20-ft. row. 4-g. packet contains 1,400 seeds, enough to sow 50-ft. row.	), by Hunt
		4-oz. packet contains 500 seeds, enough to sow 25-ft. row. see Edible-podded peas see Edible-podded peas	Reprinted from: <i>High Yield Gardening</i> , by Hunt & Bortz
	Hot Sweet Pumpkins Radishes	0.5-g. packet contains 50 seeds, enough to transplant 30-ft. row. see Hot peppers Packet containing 30 seeds will sow 10-15-ft. row. 5-g. packet contains 350 seeds, enough to sow 25-30-ft. row.	inted from: <i>Higt</i>
	Rhubarb Rutabagas Salsify Spinach	<ul> <li>8 roots are enough to plant 25-ft. row.</li> <li>2-g. packet contains 570 seeds, enough to plant 50-ft. row.</li> <li>1/4-oz. packet will sow 25-ft. row.</li> <li>5-g. packet contains enough seed to plant 20-ft. row.</li> </ul>	Repr
	Squash Summer Winter	4-g. packet contains 35 seeds, enough to plant 10-15-ft. row. Packet containing 30 seeds will plant 10-15-ft. row.	
	Sunflowers Swiss chard	Packet containing 50-75 seeds will plant 25-ft. row. 5-g. packet will plant 30-ft. row.	
	Tomatoes Turnips Watermelons	0.5-g. packet contains 150 seeds; 8 to 10 plants needed to transplant 25-ft. 2.5-g. packet contains 938 seeds, enough to plant 20-ft. row. 2.5-g. packet contains 50 seeds, enough to transplant 15-ft. row.	row.

hypothetical garden plot of 20 feet x 80 feet, which is a pretty good-sized garden for a small family. When you start planting more than a quarter acre, then you've got something which may keep you tied to it with a ball and chain.

If you only have an area where there is a lawn, consider turning it under and planting a garden instead. In difficult times you won't want to eat the lawn—or perhaps I should say: you *may* want to eat the lawn, but a garden will taste a lot better.

In times of drought, a small, intensively grown garden is highly desirable as the yield is very high and it requires less water than traditional farming methods.

"No one should control more arable land than he can maintain in a high state of productivity, the four great factors of which are good seed, suitable moisture, abundant available plant food, and rational tillage. In a large majority of cases where failure, or partial failure of an abundant crop is observed, the meager results are due to a partial lack of one of these four fundamentals."

— Isaac Phillip Roberts in the book Ten Acres Enough

# SEED

Once you've decided to put in a garden, and have some idea about how big it will be and where it will be located, then you need to choose what you'd like to grow-always keeping in mind the specifics about your particular geographical region and the time of GET YOUR SEEDS ORDERED year. ONCE YOU'VE GIVEN SOME CAREFUL THOUGHT TO IT, AND THAT WAY THE SEEDS CAN BE ON THEIR WAY TO YOU COMPLETE WHILE YOU OTHER ASPECTS OF THE GARDEN PREPARATION. ORDER SEEDS FIRST, THEN PREPARE THE SOIL. ALSO. ORDER NON-HYBRID, OPEN-POLLINATED OR "HEIRLOOM" SEED. With this type of seed, which is rare in this country, you may replant year after year after year using seed from your own crops.

Here are some excellent non-hybrid, openpollinated seed companies that I strongly recommend you communicate with and get their catalog:

Territorial Seed Company P.O. Box 158 Cottage Grove, OR 97424-0061 (541) 942-9547 fax: 1-888-657-3131

International Seed Saving Institute P.O. Box 4619 Ketchum, ID 83340 (208) 726-4694 Abundant Life Seed Foundation 1029 Lawrence St. Port Townsend, WA 98368

Seeds Trust High Altitude Gardens P.O. Box 1048 Hailey, ID 83333 (208) 788-4363

Garden City Seeds 778 Highway 93 North Hamilton, MT 59840

Ecology Action 5798 Ridgewood Rd. Willits, CA 95490

Seed Savers Exchange 3076 North Winn Rd. Decorah, IA 52101 (319) 382-5990

Seeds of Change P.O. Box 15700 Santa Fe, NM 87506 1-888-762-7333 website: www.seedsofchange.com

Dirt Cheap Organics 3070 Kerner Blvd, Unit T San Rafael, CA 94901 (415) 454-8278 fax: (415) 454-8210 email: dirtcheap52@hotmail.com

Heirloom Seeds P.O. Box 245 West Elizabeth, PA 15088

Nichols Garden Nursery 1190 North Pacific Hwy. Albany, OR 97321 (541) 928-9280

Eastern Native Seeds Conservancy P.O. Box 451 Great Barrington, MA 01230

"The cost of seed is ordinarily a trifling matter in comparison with the expense of the season's labor and the value of the crop."

— L. H. Bailey in The Principles Of Vegetable Gardening

# COLD FRAMES

Cold frames are basically minigreenhouses. For most of you in the colder parts of the country, you may extend your growing season considerably through the

# A PORTABLE, EASILY STORABLE COLD FRAME

Jack Ruttle, an editor of Rodale's *Organic Gardening* magazine, came up with an ingenious way to build a portable cold frame from a half sheet of 1/2-inch exterior plywood, a few screws, and two small, old wooden storm windows given him by a friend. He used 3/4-inch scrap lumber for screwing blocks placed in the corners of the frame. More of the scrap was used for reinforcing rails along the top of the front and back pieces. These rails provide a sturdy support for the storm windows. Both the blocks and rails were attached permanently to the front and back pieces with screws and glue. The end pieces were attached to the front and back with a screw in each of the eight corners. The back of the frame is 18 inches high and the front is 6 inches high. Window size determined the width and the angle of the frame.

Ruttle assembles his frame early every spring to house the large quantities of seedlings he starts indoors. To work in the frame he simply removes a window, and to vent he turns a window slightly to create an opening. When the last of the spring seedlings has moved to the garden, he unscrews the frame and stacks the pieces in a neat pile until next season.



**Easy Portable Frame:** This cold frame was fashioned from a half sheet of plywood and two recycled wooden storm windows. It's easy to assemble, so you can set it up and take it down as your seasonal gardening needs require



Cold Frame Crops: Fast maturing, cold-tolerant crops can be spurred on to an early start (and early vest) in a cold frame. In this frame: dwarf peas, lettuce, beets, carrots, parsley, onions, spinach, and radishes ready for picking. use of this very inexpensive and sensible idea.

We've reproduced nearby several graphics that will give you the basic idea of how to fashion a cold frame. But essentially, a greenhouse or a cold-frame can be built using available materials, and the end result is that you can be eating fresh garden lettuce while everyone else is waiting for the snow to melt! It is recommended that you place the cold frame in a physically sheltered area with a southern, sunny exposure, thus maximizing the use of the available light.

Depending on the area in which you live, you may even elect to maintain a cold frame (or green house) garden year round and forget the rest, simply because of the ability to control the growing environment for your plants.

In some areas of the country, extreme heat becomes a problem throughout summer, and in other areas it can be difficult to maintain growing conditions that are warm enough.

One inexpensive way to heat a cold frame (a bit smelly, but effective) is to line the matter of money or materials), not the least of bottom of the cold frame with "fresh" horse or which include the use of grow lights. cow manure, place a thick layer of straw over Experiment. You have nothing to lose and it, and then put the "flats" of seedlings on top everything to gain. of that. The warmth generated by the decomposing (composting) manure will heat the cold frame. There are many techniques for achieving the same end (usually just a

# GUIDELINES FOR FALL PLANTING

Eileen Weinsteiger of the Rodale Research Center horticultural staff suggests the following crops for fall solar-frame planting. They are listed along with their seed-starting times (in eastern Pennsylvania) and recommended spacings. Choose varieties described in catalogs as low-light tolerant and cold resistant.

		When to	Spacing	
Vegetable	When to Seed	<u>Transplant</u>	(in inches)	Harvest †
Broccoli	July 1-14	3-5 weeks later	12-15	Sept. to mid-Nov.
Cabbage	July 1-14	3-5 weeks later	12-15	Sept. to early Nov.
Cauliflower	July 1-14	3-5 weeks later	12-15	Sept. to mid-Nov.
Chinese cabbage	late July	3-5 weeks later	8-10	Oct. to Dec.
Kale	July to Aug.	4-6 weeks later	12	Oct. to Dec.
Kohlrabi	early Aug.	3-4 weeks later	6	late Sept. to early Oct.
Lettuce*	late July to early Aug.	3-5 weeks later	6-8	Oct. to early Dec.
Spinach*	late July to early Aug.	3-5 weeks later	4-6	Oct. to early Dec.
Parsley	June to July	4-6 weeks later	4-6	into mid-Dec.

Swiss chard, Japanese chard, endive, celery cabbage, India mustard, Chinese flowering white cabbage, Chinese mustard, and edible chrysanthemum have also been grown successfully in the fall in Solar Growing Frames. Planting times for these crops will have to be learned through experience. Start the crops listed above in late July or August. If they bolt, try starting them later the next time you plant them. If they fail to mature properly, try planting them earlier. Root crops, including turnips, radishes, beets, and carrots, are generally less successfully grown in solar frames, chiefly because of root maggot damage. \* Use winter varieties Reprinted from: High Yield Gardening, by Hunt & Bortz

† Final date may be earlier if hard freeze occurs

# HIGH-YIELD GARDENING: **RAISED BEDS**

A SURVEY OF RAISED BEDS

# ROUNDED

**Description:** Curved mound with gradually sloping sides.

Advantages: Because of its rounded contour and gently curved sides, which can be planted all the way down, this style of bed offers somewhat more planting space than indicated by its width at ground level and significantly more than beds with straight, angled sides. For example, a 5-foot-wide bed with a rounded top has over 20 percent more planting space than a 5-foot-wide bed with straight sides angled at 45 degrees. It is also relatively easy to shape.

Disadvantages: Plants closest to the edges of the bed may sidle or droop over into the walkway, necessitating wider paths. (To prevent this, plant small or narrow, stiffly erect plants at sides of the bed.) Also, lack of any drainage trough means that water may run out of the bed and into surrounding paths, taking planting soil along with it.

When recommended: Most feasible for good, well-conditioned soil, rich in organic matter and soil that is porous and able to hold moisture well.



## **FLAT-TOP**

Description: Level bed surface with straight sides angled 45 degrees from horizontal, forming an angled drainage ditch on each side of the bed where it merges with the path.

Reprinted from: High Yield Gardening, by Hunt & Bortz

Advantages: Flat top and trenches work against water and soil loss from the growing area

**Disadvantages:** Slanted sides reduce space available for planting and may require extra effort to construct and maintain.

When recommended: Good option for soils low in organic matter, for extremely heavy clay soils, and for beginning intensive gardeners.



#### WALLED-IN FLAT-TOP

Description: Level surface surrounded by ridges of soil around the perimeter of the bed. Straight sides slanted at 45-degree angle to horizontal.

Advantages: Ridges hold water and soil on top of bed within planted area.

**Disadvantages:** Has the least growing space of any type of raised bed. (To optimize what's there, position larger plants near the sides of the bed so one vertical-half of their upper growth extends out over unplanted sides of the bed.)

When recommended: Helpful where water is limited and erosion is a problem, or where capacity of the soil to hold water needs considerable improvement.



"...ere long, the most valuable of all arts will be the art of deriving a comfortable subsistence from the smallest area of soil. No community whose every m e m b e r possesses this art can ever be the victim of oppression in any ofits forms." – Abraham

Lincoln, 1859

Once you've identified the location for your garden, then the work really begins. This article will concentrate primarily on raisedgardening, bed which is called by various names.

The are generally

rectangular in overall shape, varying in width from 4-5 feet across and whatever length you determine. If the shape of your particular piece of land is more suitable for such, the beds can take on curves or even become circular. The finished beds are elevated above the ground, anywhere from six inches to a foot high.

Why raised beds? Well, for one thing, raised beds can solve a wide range of gardening problems. The chart nearby summarizes the main points to be aware of.

But let's begin with soil preparation because, without that, there won't ultimately be any food for the table.

Spectacular yields depend first on soil conditioning that can readily meet the heavy demands of close planting, carefully timed successions, and a growing season stretched to its absolute limit.

"Teach us to know and to see all the powers of the Universe, and give to us the knowledge to understand that they are all really One Power."

— Black Elk

I will assume that most of you putting in your first garden will not go to the trouble of having your soil actually "tested". But if you do, keep in mind that most plants thrive in a pH range anywhere between 6.0 and 7.5. A good rule of thumb would be: Assume your soil is very poor and needs amending with nutrients and organic matter. It is essential to have organic material in the soil, such as manure, compost, minerals, or combination amendments which loosen the soil to allow for retention of moisture and healthy root growth.

If you are purchasing manure, be sure it is beds "aged" for six months to a year—otherwise you'll end up with a lot of weeds and grass

seed in the garden. Most bagged manure at nurseries is sterilized and aged. In many rural areas manure is readily available from local ranchers and is generally advertised in the wantads, and often will be delivered for a fee.

Larger gardens can require quite a few cubic yards of manure and it is considerably less expensive in bulk. However, the danger comes in not knowing if it is "aged", and that can really make the difference if you end up with a huge pile of grass or weeds in your garden.

"Creation does not take place where there is a scattering and dissipation of energies. Creation requires a gathering together and focusing of your power within a circle of commitment—like a seed, an egg, a womb, or a marriage. If you would create and not destroy, you must remember always the Sacred Hoop. Consider wisely the ways in which you would use your power and then around those ways draw the sacred circle of commitment. In the warm atmosphere of that circle, the power of Love builds and builds like a storm above the wet

summer prairie, until suddenly the circle can hold no more and explodes in the conception of the new."

- spoken by White Buffalo Calf Woman, from Ken Carey's Return Of The **Bird** Tribes

# PREPARING THE SOIL

Go out to the area you've chosen as a garden spot and carefully examine and feel the soil. Much can be deduced just from this simple exercise.

The next intermediate step will be to till the soil. Many gardening purists insist on digging by hand—but I have found over the years that a or more is loose, then you are ready to begin rototiller can be a good friend indeed. It all depends on the size of your garden plot and how easy or difficult the soil is to work.

There are a variety of excellent books available on the subject of raised-bed gardening, and most go into great detail about doubledigging the beds by hand, while adding various soil amendments. The instructions I am providing here are geared for those of you readers who have never planted a garden, aren't

NITROGEN (N), PHOSPHORUS (P) AND POTASH (K) Pounds of fertilizer to add per 100 square feet. Pounds of pure nutriment added given in parentheses.

Test Rating Ni	trogen (N)	Phosphorus (P)	Potash (K)
Very High*	(.1) .75 lb. blood meal or 1 lb. fish meal or 2 lbs. cottonseed meal or .75 lb. hoof and horn	(.2) 1 lb. bone or 2 lb. phosphate rock or soft phosphate	(.15) 1 lb. kelp meal** or 2 lb. greensand or 3 lb. crushed granite
High*	<ul> <li>(.2)</li> <li>1.5 lbs. blood meal or</li> <li>2 lbs. fish meal or</li> <li>4 lbs. cottonseed meal or</li> <li>1.5 lbs. hoof and horn meal</li> </ul>	(.3) 1.5 lb. bone or 3 lbs. phosphate rock	(.2) 1 lb. kelp plus .66 lb. greensand or 1 lb. granite; or 2.66 lb. greensand; or 4 lbs. granite
Medium High	<ul><li>(.25)</li><li>2 lbs. blood meal or</li><li>2.5 lbs. fish meal or</li><li>5 lbs. cottonseed meal or</li><li>2 lbs. hoof and horn meal</li></ul>	(.35) 1.75 lbs. bone or 3.5 lbs. phosphate rock	(.25) 1 lb. kelp plus 1.33 lb. greensand or 2 lb. granite; or 3.33 lbs. greensand; or 5 lbs. granite
Medium	<ul> <li>(.3)</li> <li>2.25 lbs. blood meal or</li> <li>3 lbs. fish meal or</li> <li>6 lbs. cottonseed meal or</li> <li>2.25 lbs. hoof and horn meal</li> </ul>	(.4) 2 lbs. bone or 4 lbs. phosphate rock	(.3) 1 lb. kelp plus 2 lbs. greensand or 3 lbs. granite; or 4 lbs. greensand; or 6 lbs. granite
Medium Low	(.35) 2.75 lbs. blood meal or 3.5 lbs. fish meal or 7 lbs. cottonseed meal or 2.75 lbs. hoof and horn meal	(.45) 2.25 lbs. bone or 4.5 lbs. phosphate rock	(.35) 1 lb. kelp plus 2.66 lbs. greensand or 4 lbs. granite; or 4.66 lbs. greensand; or 7 lbs. granite
Low	<ul> <li>(.4)</li> <li>3 lbs. blood meal or</li> <li>4 lbs. fish meal or</li> <li>8 lbs. cottonseed meal or</li> <li>3 lbs. hoof and horn meal</li> </ul>	(.5) 2.5 lbs. bone or 5 lbs. phosphate rock	(.4) 1 lb. kelp plus 3.33 lbs. greensand or 5 lbs. granite; or 5.33 lbs. greensand; or 8 lbs. granite
Very Low	<ul> <li>(.3)</li> <li>4 lbs. blood meal or</li> <li>5 lbs. fish meal or</li> <li>10 lbs. cottonseed meal or</li> <li>4 lbs. hoof and horn meal</li> </ul>	(.6) 3 lbs. bone or 6 lbs. phosphate rock	(.5) 1 lb. kelp plus 4 lbs. greensand or 6 lbs. granite; or 6.66 lbs. greensand; or 10 lbs. granite

particularly interested in digging a quarter-acre plot by hand, but would still like to do a good job of preparing the soil for growing foodwithout killing yourself in the process.

Tilling is best pursued when the soil is somewhat moist but not soaking wet. Many types of tillers are good; I prefer Troy-Bilt [for a catalog call 1-800-889-9600]. Very dry soil is difficult to break up and the tiller will tend to "buck". If you are starting your soil preparation during the summer months, you may have to heavily water the garden area over a period of several days, and then wait for it to partially dry before beginning the tilling process.

Once you've tilled the soil so that the top foot adding the necessary soil amendments to properly build up the soil. I have included with this article some charts and other fertilizing guides for your assistance in choosing soil amendments.

Depending on where you live, your local nursery can provide you with a wealth of information. Different nurseries have different soil amendments. There are many excellent "soil building" products on the market—some organic, some not.

Don't get too focused upon a strictly organic approach, but you certainly do want some organic matter mixed into the soil for healthy root production for your crops. What you elect to use may very well be determined by what is available in your area-that helps supply what your particular soil may need.

"It is a fundamental error to suppose that farming is neither a business nor a profession. It is a business which requires the highest business talent; it is a profession which requires the best technical skill.... No other profession requires such a variety of learning, such an insight into Nature, such skill of a technical kind, in order to be successful, as the profession of farming."

- Harvey W. Wiley from The Lure Of The Land

Once you've purchased and spread your soil amendments (which can include manure, organic compost, minerals, and other materials) across the entire surface area of your garden spot, then once again till the soil with the rototiller-or dig by hand if you are so inclined.

Fertilizer, whether organic or commercial, should be spread across the top of the completed beds and then lightly worked into the top several inches of the soil. Therefore, when spreading amendments for tilling into the soil, hold any actual fertilizer aside for the final step after the beds have been constructed.

## BED CONSTRUCTION

Once you've spread the soil amendments over your garden area and have rototilled it thoroughly,

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Addition of nutriment at these levels is optimal.

Because of the growth hormones kelp meal contains, do not add more than 1 pound per 100 square feet per year. Reprinted from: How To Grow More Vegetables..., by J. Jeavons

next comes the hard part (physically). For the x 4 feet, and place it across the far end of the in terms of rollers and curved guides to prevent sake of discussion, let's say your garden area first bed. Stand on top of the board and gently hoses from jumping over corners. (plot) is 20 x 80 feet. At this point you'll be jump up and down—you will flatten the surface needing a flat, square-end shovel with a short of the beds to the extent that they will keep handle. Beginning at one end, shovel an outer their shape in all weather conditions. Step off pathway along the 80 foot side. The pathway the board, move it a bit, and repeat the process will be approximately 18 inches wide. As you until the entire surface is gently flattened. Do you live, you may want to consider putting up shovel (deeply) the soft, tilled soil, throw each this to all of the beds. Maybe it's time for a wire fence to keep out dogs and cats and wild shovelful right next to you as you go—on what another glass of lemonade now, while you will be your first bed. The beds will be, on the admire your handiwork. average, about 4 feet across. You could, theoretically, have a bed which would, in this now complete, that you drive wooden stakes Cats will often use the soft dirt in a freshly case, measure 4 feet by 80 feet. (It is nice to into the ground at key spots around the edges break up these long beds with cross pathways for ease of moving around in the garden.)

outer pathway by placing the excess dirt onto wide, 1 inch thick, by 1 foot long-will serve your first bed-then measure 4 feet across and as "hose guides". As you move watering hoses mark it with occasional stakes or with stakes and around your garden, this will prevent the hose a long string.

Then, beginning at one end along the 20foot side, 4 feet in from the 80-foot outer edge, begin shoveling an inner pathway. The pathway should be whatever width you are comfortable with—don't crowd yourself—18 inches is a good standard (less if space is limited). With the first shovel of dirt, throw it immediately to your left. With the next shovel, to your right-left then right, left then right, until you are all the way across the 80-foot length of land. You now have an outer path, one 4-foot very rough looking bed, another path, and then the rest of the plot. Repeat the process. In the end you will have 4 raised beds, approximately 4 feet across and 80 feet long.

# SHAPING THE BEDS

Now, using a long-handled (preferably wide) rake, you will begin to shape and even out the beds. The beds should be, for all intents and purposes, flat on top.

When there is a lot of organic matter in the soil, the beds can be shaped as rounded mounds. But for purposes here, I'll generically describe them as "flat-surfaced". You'll be able to tell by the texture of your specific soil what is the most appropriate shape for your own garden. A flat surface tends to be the easiest to work with.

With the flat-surfaced beds, sides should be at a 45-degree angle to the horizonital. In other words, a moderate slope upward should be fashioned around the edges. As you work with the dirt, you will develop a "feel" for it.

Once you've completed the general shaping of each of the beds, you should be pretty tired, so, take a break and have some lemonade.

After your rest break, sprinkle that chemical or organic fertilizer evenly across the top of each bed. Then gently work the fertilizer into the top several inches of the beds with a rake. When done, smooth the entire top of each bed to a flat surface.

Then take a piece of plywood, say 2.5 feet

I would then recommend, with the beds every six to ten feet—right up to the outer edge When you have finished shoveling your first of the bed. These stakes-say, four inches

## FENCING

Prior to planting, and depending upon where animals (like rabbits and deer) who may view your garden as theirs. Just one animal can do a great deal of damage to the completed beds. prepared garden bed as a "litter box". Generally of each bed—say, the four corners and then speaking, fencing around your garden is often a good idea.

## **PLANTING**

Using the raised-bed method of gardening, from running up the sides of your beds and due to the loose soil structure, you are able to sliding over and breaking your plants (which plant the rows closer together because the roots can often happen in just a moment). There are themselves grow straight down, rather than also commercially available plastic and metal flattening out, as happens with harder soil. You hose guides in garden centers of many stores are also able to plant closer together within rows. (like Walmart and Kmart and elsewhere) which Therefore, the overall yield is higher in a smaller operate a bit more cleverly than wooden stakes space. Due to the high percentage of organic

1-10% K. Lasts 6 months. Use up to 1-2 lbs/100 sq. ft. Ashes from wood

are high in potash and help repel root maggots. Ashes also have an alkaline

effect of the soil, so use them with care if your soil is already alkaline. Black

3-5% K. Lasts up to 10 years. Use up to 10 lbs./100 sq. ft. Good slow-

A pH reading tells you the relative acidity/alkalinity of the soil. Most

vegetables will grow well in a range from 6.0 to 7.5. 6.5 is probably the best all-round pH. In extremely acid or extremely alkaline soils valuable

nutrients are tied up and thus unavailable to the plants. An acid soil can

be sweetened by the addition of dolomite lime. An alkaline soil can be

brought closer to neutral by compost or manure. Compost has a buffering

A good source of calcium and magnesium to be used in acid soils. Do not

use lime to "sweeten" the compost pile; it results in a serious loss of

Gypsum is not needed by organic gardeners. It is normally used

commercially in soils made impermeable by excess exchangeable sodium.

15% Humic Acid, 5.5 pH. Lasts 1 year. It is crushed "rock" deposits made

nitrogen. You can discourage flies and odors with a layer of soil.

effect on soil, correcting both acid and alkaline conditions.

0% N, 1.5% P, 6.7% K. Use interchangeably with crushed granite.

releasing source of potash and trace minerals.

# **ANALYSIS OF RECOMMENDED ORGANIC SOIL AMENDMENTS**

Wood Ashes

wood ash is best.

Crushed Granite

SOIL pH SCALE

SOIL MODIFIERS

Dolomitic Lime

Gypsum

Greensand

N, P, and K refer to the three main nutrients plants need: NITROGEN for green growth and in compost piles to speed decomposition; PHOSPHORUS for root growth, disease resistance, and production of good fruits, vegetables, and flowers; and POTASH for strong stems, vigorous roots and increased disease resistance. Plants also need HUMUS which is provided by decomposed organic matter such as compost and manure.

## NITROGEN

Cottonseed Meal

3-5% N, 2% P, 1% K. Lasts 4-6 months. Use up to 10 lbs/100 sq. ft. Fair source of nitrogen. Especially good for citrus and azaleas because it has an acidifying effect on soil.

Blood Meal

12.5% N, 1.3% P, 0.7% K. Lasts 3-4 months. Use up to 5 lbs./100 sq. ft. A quick acting source of nitrogen, good for slow compost piles. Can burn plants if using more than 3 lbs. per 100 square feet. If using higher amounts, wait 2 weeks to plant.

Hoof & Horn Meal

14% N, 2% P, 0% K. Lasts 12 months. Use up to 4 lbs./100 sq. ft. Highest nitrogen source. Slow releasing: no noticeable results for 4-6 weeks.

# Fish Meal

10.5% N, 6% P, 0% K. Lasts 6-8 months. Use up to 5 lbs./100 sq. ft. Good combined nitrogen and phosphorus source.

#### PHOSPHORUS

Bone Meal

3% N, 20% P, 0% K. Lasts 6 months to 1 year. Use up to 5 lbs./100 sq.ft. Excellent source of phosphorus. Especially good on roses, around bulbs, and around fruit trees and flower beds.

Phosphate Rock

33% P. Lasts 3-5 years. Use up to 10 lbs./100 sq. ft. Very slow releasing. Soft Phosphate

18% P. Lasts 2-3 years. Use up to 10 lbs./100 sq. ft. Clay base makes it more available to plants than the phosphorus in phosphate rock, though the two are used interchangeably.

## POTASH

Kelp Meal (Seaweed)

1% N, 0% P, 12% K, 33% trace minerals. Lasts 6 months to 1 year. Excellent source of potash, iron, and other minerals. Reportedly, the proper amount of trace minerals in the soil may mean only one-half the fertilizers will be needed for the same growth and yield! Kelp meal is also a natural fungicide. Use sparingly (up to 1 pound per 100 square feet per year) because it contains growth hormones

"Clodbuster"

## Crushed Eggshells

High in calcium. Especially good for cabbage family crops. Help break up clay and release nutriments tied up in alkaline soils. Use up to 2 lbs./100 sq. ft. Manure

A good source of humus in the garden. Nutriment levels depend on proper handling and the amount of straw or sawdust present. Large amounts of bedding may add up to 2 years to the decomposition time.

material in well-prepared soil, by using the raised-bed method the plant's root structure way as to have the mature leaves of the plants you'd like to see and use for dinnertime table develops more fully and is, overall, healthier. A healthy root structure equates to hardier plants, more resistant to pests and diseases, and thus greater yield of food production. The old saying, "Everything is connected to everything" really applies to gardening!

A good recommendation, even though slightly more costly, is to "sow heavy". That means be generous when sowing seed within the rows while you are planting, and then "thin out" the plants later if they're crowding. This will make bald spots or open spots within the rows unlikely.

Again, a common mistake for new gardeners is to plant some seeds too deep. Try to avoid this well-meaning but counterproductive tendency by paying attention to the seed size as subject of produce gardening, you will probably information about the growing habits of your a clue to planting depth-the smaller the seed, want to plant some flowers throughout your favorite garden varieties. the more shallow the depth.

MINIMUM

SOIL

TEMP.

40°F.

60°F

SOIL

pН

6.0-7.0

60-75

effect which softens the taxing effects of hot, flowers, maybe some of those pretty blooms will further growth development. Planting in this manner also shades the topsoil, thus preventing also discourages weed growth.

The raised-bed method of gardening is really the very best of many approaches. And, by the way, with raised beds you don't have to lean over as far to harvest or pull weeds throughout has *bolted*, or gone to seed-which tends to the season. I believe this is why the Irish refer to raised beds as lazy beds.

While it may at first seem to be off the garden. They add wonderful colors and

SPACING PLANTING

DEPTH

1/4"

1/2"

PI ANTS

IN ROWS

2-6"

9-15"

You want to plant (and later thin) in such a attract beneficial insects. Plant flowers that touching one another row-to-row. This creates decorations. Mix it up a bit. And for those of a "mini-greenhouse effect" or a "living mulch" you who are daring about exploring edible midday Sun. After all, Sun-scorched plants must end up decorating (and being part of the contents first repair damage before devoting energy to of) the salad bowl, rather than simply ending up in a dinner table vase.

Remember to not plant all of any given crop excessive water loss due to evaporation, and it at the same time-particularly with something like lettuce. Stagger your plantings. Plant a few rows, then leave some open space for a second-rotation planting later on. That way you always have fresh lettuce when the old lettuce happen in hot weather. Consult the planting guides and related charts I have included herein (as well as the seed packet instructions) for more

#### WATERING YOUR GARDEN

atmosphere, and some, such as Sun-thriving deter

Once again, don't be a slave to your garden. marigolds, We live in a modern age—one in which there some are digital, battery-operated automatic timers pesky insects which you can attach directly to your faucet and and animals. garden-hose sprinkling system. It is possible to Others help to program several waterings per day with a quality

# SATISFACTORY (AND OPTIMAL) PLANT **GROWING TEMPERATURE RANGES\***

Crop Season	Temp. Range	Optimal Temp. Range	Plant
Cool Season Crops	30 °F.		Asparagus • Rhubarb
Crops	45-85 °F.	(55-75 °F.)	Chicory • Chive • Garlic • Leek Onion • Salsify • Shallot
	40-75 °F.	(60-65 °F.)	Beet • Broad Bean • Broccoli Brussels Sprouts • Cabbage • Chard Collard • Horseradish • Kale • Kohlrabi Parsnip • Radish • Rutabaga • Sorrel Spinach • Turnip
	45-75 °F.	(60-65 °F.)	Artichoke • Carrot • Cauliflower • Celery • Chicory • Chinese Cabbage • Endive • Florence Fennel Lettuce • Mustard • Parsley • Pea Potato
	50-80 °F.	(60-70 °F.)	Bean • Lima Bean
Crops	50-95 °F.	(60-75 °F.)	Corn • Cowpea • New Zealand Spinach
	50-90 °F.	(65-75 °F.)	Pumpkin • Squash
	60-90 °F.	(65-75 °F.)	Cucumber • Muskmelon
Hot Season	65-80 °F.	(70-75 °F.)	Sweet Pepper • Tomato
Crops	65-95 °F.	(70-85 °F.)	Eggplant • Hot Pepper • Okra • Sweet Potato • Watermelon

\* From James Edward Knott, Handbook For Vegetable Growers, John Wiley & Sons, Inc., New York, 1957, pp. 6-7.

#### BFAN 6" 1" 60°F. 6.5-7.5 18-36 3-8 None REFT 60°F 4" 6.5-7.5 Good 3" 12-24 1/2" BROCCOLI 24" 1/4" 60°F. 6.5-7.5 Good d 18" 12-24 **BRUSSELS SPROUTS** 60°F. 6.0-6.7 Good 18" 30" 18" 1/4" CABBAGE 60°F. 6.5-7.5 Good d 15-18' 30' 18" 1/4" CHINESE CABBAGE 45°F. 6.5-7.5 16" 30" 12-18" 1/4" Good CARROT 60°F. 5.5-6.7 Good 2" 18-24" 1-3" 1/2" CAULIFLOWER 24" 1/4" 60°F. 6.5-7.5 Good d 15" 12-24' CORN 65°F. 6.5-7.0 None 8-12' 24-36 12" 1" CUCUMBER 70°F. 6.0-7.0 None 12" 36" 8-12" 1" FAVA BEAN 40°F. 6.5-7.5 Good 8" 24" 8" 1" KALE 40°F. 6.0-7.0 Good 16" 24-36' 18-24' 1/4" LEEK 50°F. 6.5-7.5 Good 3-4" 24" 4" 1/4" 8-12" 1/4" LETTUCE 40°F. 6.5-7.5 8-12" 12-24 Good BUNCHING ONION 50°F. 6.5-7.5 1-3" 18-24" 2-4" 1/4" Good PAC CHOI 1/4" 40°F. 6.5-7.5 10" 18-30 10-18 Good PARSNIP 40°F. 6.5-7.5 18-24" 2-4" 1/2" Good 3" PFA 3-4" 40°F. 6.5-8.0 24-36 3" 1/2" Good PEPPER 70°F. 6.0-7.0 24-36 1/4" None 12-16 12-24 RADICCHIO 40°F. 5.5-6.8 Good 12" 36" 8-12" 1/2" RADISH 40°F. 6.0-7.0 Good 2-3" 8-16' 2-3" 1/2" SPINACH 40°F. 6.5-7.5 Good 4" 12-24" 2-6" 1/2" SUMMER SQUASH 70°F. 6.5-7.5 None 16" 24-36" 18-24" 1" WINTER SQUASH 70°F. 6.5-7.5 None 32" 24-36 24-36 1" SWISS CHARD 24" 1/2" 50°F 6.5-7.5 Fair 10-12' 8-12" TOMATO 70°F. 6.0-7.0 None 18-24' 36-48' 12-24" 1/2"

VEGETABLE PLANTING GUIDE

Good

Good

FROST

TOLERANCE PLANTS

SPACING

IN BEDS

4"

12"

SPACING

BETWEEN

ROWS

12-24"

48"

#### CODES: d = Frost will harm young transplants. Frost tolerant once established. e = Minimum soil temp. for direct seeding to insure timely germination.

Good

3-4"

12-24"

2-5"

1/2"

50°F.

6.0-7.0

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ARUGOLA

TURNIP

ASPARAGUS

timer, which may be well worth the expense in the time it saves you. Keep in mind that, while the timer and sprinklers water the garden, you can be somewhere else and not married to a routine.

Just a few tips: While it is true that overwatering can create a real problem, especially in soils which do not drain easily, underwatering is a serious mistake-particularly in the very early stages of germination. DO NOT LET THOSE NEWLY PLANTED SEEDS DRY OUT! SAME FOR THE NEWLY EVER! SPROUTING SEEDLINGS.

If you are watering several times per day by hand, you will literally be able to tell when enough is enough. If you are using a timer, which I DO recommend for convenience, you'll just have to play with it a bit to get it "just right".

But under no circumstances let the seeds dry out. I cannot emphasize this enough: It is better to overwater, if you must, than to underwater, in the beginning. Besides, the raised-bed method of gardening will be more forgiving of a bit of overwatering than will a regular, hardpack farming method.

"But what kind of sprinkler should I use?" you may ask. An OSCILLATING sprinkler is, in my opinion, the most practical—assuming the geometry of your garden is rectangular.

Also, Y-adaptors are available among the garden hose plumbing accessories to allow for two (or more) hoses, and thus multiple sprinklers running off the same timer-regulated main water line.

Keep in mind that I'm providing instructions here for a low-maintenance garden that will grow quality food. My point here is that overwork isn't necessary to get results that you'll be delighted with.

# WHAT NOW?

If you have followed the instructions to this point, YOU'RE THERE! You'll start to see the results of all the important preparations made earlier.

# GENERAL FERTILIZER PROGRAM PER CROP PER 100 SQUARE FEET

Assuming no soil test is performed

Functions	Sources	<b>1st &amp; 2nd yr.</b> Assuming poor soil	<b>3rd &amp; 4th yr.</b> Or 1st & 2nd yr. in average soil	<b>5th yr.</b> Or 1st year in good soil	Maintenance Every year thereafter†	Add to Soil before or after Double-Dig
Nitrogen	Cottonseed Meal (or Fish Meal) (or Blood Meal)* (or Hoof & Horn Meal)	10 lbs. (5 lbs.) (5 lbs.) (4 lbs.)	6 lbs. (3 lbs.) (3 lbs.) (2 lbs.)	3 lbs. (1-2 lbs.) (1-2 lbs.) (1 lb.)	-	After
Phosphorus	Bone Meal (or Phosphate Rock) (or Soft Phosphate)	4-5 lbs. (10 lbs.) (10 lbs.)	2 lbs. (5 lbs.) (5 lbs.)	2 lbs. (3 lbs.) (3 lbs.)	2 lbs. -	After
Potash and Trace Minerals	Kelp Meal and Wood Ash (or Granite) (or Greensand)	1 lb. 2 lbs. (10 lbs.) (10 lbs.)	1 lb. 1 lb. (5 lbs.) (5 lbs.)	1 lb. 1 lb. (3 bls.) (3 lbs.)	1/4 lb.†† 1 lb. -	After
Texturizer	Manure	2 cu. ft.	2 cu. ft.	2 cu. ft.	2 cu. ft.	After
Microbiotic Life, Humus	— Compost	Up to 1 cu. yd. (1st crop)	8 cu. ft.	8 cu. ft.	8 cu. ft.	After for best results ¤
Multiple Nutriments		8 cu. ft. (ea. addit. crop)**	ķ			ioduito
Calcium	Eggshells	2 lbs.	1 lb.	as available	up to 1/2 lb.	After
Humic Acid	"Clodbuster"	1 lb.	-	-	-	After

\* Do not plant for 2 weeks if using more than 3 pounds blood meal per 100 sq. ft. It can burn the plants during this time since it releases nitrogen rapidly at first.

\*\*1 cubic yard equals 27 cubic feet. 1 cubic yard will cover 100 sq. ft. 3" deep. 8 cubic feet will cover 100 sq. ft. 1" deep. 2 cubic feet will cover 100 sq. ft. 1/4" deep. You can substitute manure for compost the first year if you do not have a ready supply of compost.

† Beginning the sixth year your legumes, cover crops, and recycled plant materials (in the form of compost) can provide most of your nitrogen, phosphorous, and potash. Double-check this periodically with a soil test.

**#** For trace minerals: kelp meal is 33% trace minerals. Reprinted from: How To Grow More Vegetables..., by J. Jeavons

Except for first double-dig, when it is added before.

harvesting lettuce, I like to cut away the outer experiment with! leaves while letting the plant continue its growth. and start new seeds.

knife when harvesting. For example, when is so much for you to learn and enjoy and

I believe you will find that growing a garden Lettuce plants will continue to provide you with is an extremely rewarding experience-not to salad goodies until it gets too hot and the plants mention the quality of the food you'll soon be may bolt. Then wait till things cool down a bit eating and sharing with others. If it is done right, it can be a profoundly satisfying experience and You will be amazed by what is unfolding affords a direct avenue for getting close to As the vegetables begin to grow, thin them before your eyes as each new day brings your Mother Nature. Learning about gardening is a carefully. I always recommend using a sharp garden into another stage of development. There lot like life-it takes time and just goes on and

Feet		LECI	red swee	VEG t cor	ETA n	BLE	ROC	T SY	(ST ettu	EMS ce	SHO	WN	IN SO	CAL	E toma	ito				-	carr	ot			cauli	lower	•				be	et			
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9 10		- +									1				1	1			-													H.			

on and on. The secret is in taking the plunge HEALTHY meal. And how do you measure garden is just plain good medicine! and *beginning*!

accomplished a great thing. A garden at home to lower your blood pressure 20-30 points or created the miracle of a garden. is worth a lot more than many other kinds of more? Is it more fun puttering in your garden insurance policies.

# the health benefits of getting your hands dirty If you've completed the garden, you've in that rich soil? How much is it worth to you Get busy! Before you know it, you'll have or lying on your back in a hospital bed? And When all is said and done, you can now go what about the expense of medical care today? out into your own back yard and pick your next Along with our pets, and a sense of humor, a

So what's stopping YOU? No excuses now.

"We are gardeners, you and I, in the Garden of the Conscious Presence. We draw the substance of the past into conceptions of the future. I am the source of the garden's design and I return to the garden through you. Together we tend the fields of possibility, drawing forth the inexhaustible beauties of structure, objectifying wonders, and manifesting new orders.

As each universal context spirals outward toward maturation, it gives birth to new and more intricate contexts within revolutionizing former itself. understandings of scale and revealing a host of new worlds to explore, inhabit, and enjoy. Each successive order of manifestation becomes the basis of yet another order, and then of still another. So new creatures coalesce from the fields of possibility, populating every desirable realm, as Infinite Potential eternally uncoils from the heart of God."

— Ken Carey from Starseed, The Third Millennium: Living In The Posthistoric World

# COMPOSTING

If you are just beginning a garden, you may be too overwhelmed in the moment to even consider composting. But let me strongly advise you to include composting as part of your gardening experience. This is useful for many reasons, not the least of which is that it is a tremendous way to recycle the large quantity of excess greens that will be a byproduct of the garden as you move through the seasons.

Why compost? Well, it's no accident that gardeners with the best yields tend to be fervent composters. Compost serves several functions. It improves the structure of the soil, which allows for easier working of the soil, and it increases aeration and water retention. Additionally, it returns much-needed nutrients to the soil, including nitrogen.

Improved texture, structure, and nourishment lead to healthy soil. Healthy soil supports a wide array of little organisms-not just worms-which in turn help plants to thrive, especially through supporting healthy root systems. Healthy soil ultimately allows, then, for higher and better quality yields of produce.

Reprinted from: High Yield Gardening, by Hunt & Bortz

"Ok, but how do I do it?" you ask. Well, there are as many ways to start a compost pile as there are ways to plant a garden. I will present here one of the cheapest, easiest, and most effective ways that I have found. And there are also as many books on composting as there are on gardening, so you can read in

Material	Source	<u>Comments</u>
Bone meal**	Garden centers	Very high P* source
Coffee grounds	Restaurants, offices	Good N* source
Corncobs and stalks	Farms, canneries, garden refuse	Best when ground or used as a soil texturizer or
		mulch; high in C*
Cottonseed**	Garden centers, gins	High in N and P
Cowpeas (green stalks)	Farms, gardens	N and K* source
Eggshells	Egg farms, restaurants	Supplies calcium and N
Fish scraps and	Canneries, fisheries, fish	High in N and trace minerals, but odoriferous
shellfish wastes	markets, restaurants	Denone neels are rish in K
Fruit wastes	Canneries, restaurants, market dumps, restaurants	Banana peels are rich in K
Grass clippings	Lawn mowing, lawn services, neighbors' bags set at curbside	Use only clippings from herbicide-free lawns; very high in N; decompose rapidly and help create necessary heat to break down other materials in pile; odoriferous unless blended well with C-rich materials
Hair (animal and	Barber and beauty shops, pet	Good N source, but slow to break down; avoid
human)	groomers	human hair that's been dyed
Hay	Farms	Bulky, high in C; alfalfa highest in N
Hoof and horn meal**	Slaughterhouses, garden	High in N; slow to break down
Hops (spent)	centers Breweries	Wet and hard to manage; rich in N; odoriferous
Leather wastes	Tanneries, manufacturers	Good N source, but slow to break down
Leaves	Woods, dumpings in parks or	When decomposed to the form of leaf mold,
	at curbsides	make an excellent soil texturizer; contain growth
		inhibitors if not first composted; shred before
		adding to pile
Manure	Farms, stables, poultry houses,	Listed from high to low N: pigeon, chicken, duck,
Peanut shells	circuses, feed lots	horse, rabbit, pig, cow, sheep, goat Good soil texturizer with moderate humus
Fearlut Shells	Farms, gardens, peanut butter processors	potential; slow to break down; high in C and K
Pine needles	Woods, evergreen plantings	Highly acid N source; use on acid-loving crops or
		with neutralizer
Sawdust, shavings,	Lumberyards, tree surgeons,	High in N, P, and C; exceedingly slow to break
wood chips	sawmills, carpentry shops,	down; never add fresh sawdust directly to soil
	furniture makers, utility crews	
Conwood	for chips Beaches	Llich in N and K but adarifarous
Seaweed Soy meal, soy pulp, and	Garden stores for meal; oil	High in N and K, but odoriferous High in N, but often hard to find
other oil-pressing wastes	processors of tung nuts, castor	right in N, but often hard to find
	beans, sunflowers, rapeseed,	
	linseed, and so on for other	
	materials	
Spice waste	Spice makers	Mustard seeds are high in N
Stable bedding,	Stables, farms	Better nutrient balance than manure alone
sweepings	Definerios	N course but hard to work with
Sugarcane and sugar beet waste	Refineries	N source, but hard to work with
Vegetable waste	Canneries, restaurants (espe-	Pea pods are especially high in N
	cially vegetarian ones), sorted	
	garbage, food stores, farm	
	markets	
Weeds	Gardens, fields, road sides,	Cut before seeds set, or use in hot compost pile;
	pond dredgings	purslane is very high in N
Wheat straw, oat straw	Farms	High in C; slow to break down
Wood ash	Fireplaces, wood stoves, wood furnaces, bonfires	K and P but no N; strongly alkaline; don't use ashes from fires started with charcoal
Wool wastes	Mills	High in N but low humus potential; slow to
		break down
Worm culture soil**	Wholesale worm farms, fishing	Rich in N from castings
-	worm dealers	J

COMPOSTING MATERIALS

\* N = nitrogen, P = phosphorus, K = potassium, C = carbon

\* Unless they're bought in bulk, these materials can be expensive. Most gardeners prefer to add them directly to the garden soil rather than fortify the compost pile with them.

greater detail independently as you move along further into the gardening experience.

In the meantime, using 4-foot fencing wire ("chicken wire" will do), roll out enough fencing to produce a circle approximately six feet in diameter. Then, with the wire laying on the ground, cut 2x4s into four-foot lengths and nail the fencing to the 2x4s at about four-foot intervals.

Pick a space to the side of your garden, one which is out of the way, yet with convenient access to the actual garden area. Also, your compost pile must be within reach of water. Once you've chosen a (permanent) spot for your compost pile, using a shovel, dig down one or two feet and turn over the soil in a circle approximately six feet in diameter.

Once the soil is "broken up", place kindling, twigs, a wooden pallet, shrub materials, or anything which will create an air pocket a foot high above the soil line. Now, take your fencing with 2x4s nailed to it, and lift the assembly up so the fencing and posts are vertical. Then join the unconnected ends so that you now have a circle six feet across and four feet high. Now move the fencing circle over your hole. [See illustration nearby.]

You now are ready to *begin* building your compost pile, much like a layer cake. A good general recipe for composting is, by weight: 1/3 dry vegetation, 1/3 green vegetation and kitchen wastes, and 1/3 soil.

Some important things to remember, however: DO NOT add to your compost, under any circumstances, ever, the following: pine needles, fruit/fruit peels, meat of any kind. As you move along, you might want to add some humic acid to the pile to increase the availability of nutrients for plants later on. It is also very important to know that you must add soil to your compost pile—in fact, soil will keep down flies and odors.

Once you have your fencing up and you are ready to begin, you may well wish to create several large separate piles, in the immediate vicinity of the compost pile, comprised of: manure, dirt, straw, grass clippings. Don't start your compost pile by just throwing some garbage down and thinking you have the makings of compost—you don't!

Always think in terms of a layer cake. Once you lay down, say, a one- to two-foot layer of grass clippings, then take your shovel and throw onto it a layer of manure or a layer of dirt. Then repeat the process—a green layer or a wet layer, and a dry layer.

To BEGIN the pile, try to build up the compost to at least three feet high. Another combination would be: a layer of straw, a layer of green materials, a layer or manure and/or dirt.

When you've completed this step, get the hose and water the compost just like it is your garden. The compost should be **moist** at all times. That means whenever you water the garden, water the compost. You want to generate enough heat within that pile to allow the microorganisms to break down the materials into a very nitrogen-rich mixture which will be added back to the garden later on—and thus save you money!

This method that I am recommending is relatively low maintenance, although you DO need access to dirt and/or manure to maintain the compost pile properly. When you are throwing kitchen scraps on the pile, be sure not to throw meats onto it. But when you do throw wet waste on the pile, always follow that up with a covering of dirt. This makes the process of composting much more aromatically pleasant. (Trust me on this one.)

Bottom line? Every time I've planted a garden and haven't started a compost pile at the same time, I've regretted it. You will be AMAZED by how much excess greenery comes from a garden over the course of a season. And besides, why pay for nitrogen-rich materials to add to your garden when you can create the best as you go?

Many people say you must constantly turn the compost pile. This method that I am suggesting does not require this laborious step. One way to observe whether it is "working" is the following: if you notice that the compost pile suddenly drops down a foot or two, you have



Large wire-fabric-type compost bin.

# NUTRIENT PROFILES OF COMMON ORGANIC AMENDMENTS

Organic Material	<u>Nitrogen</u>	<u>Phosphorus</u>	<u>Potassium</u>	Rate of <u>Release</u>
Activated sludge	5.0	3.0	0	Medium 88 - Hurth Gauge 100 - Medium 46 - Rapid 99 - Slow 100 - Slow 100 - Slow 100 Medium 1000
Alfalfa hay	2.5	0.5	2.1	- T
Animal tankage	8.0	20.0	0	Medium $\stackrel{\tt H}{\geq}$
Apple leaves	1.0	0.2	0.4	
Basic slag	0	0.8	0	Rapid
Bloodmeal	15.0	1.3	0.7	
Bone meal (steamed)	4.0	21.0	0.2	Slow 🖉
Brewers grains (wet)	0.9	0.5	0.1	- fig
Castor pomace	5.5	1.5	1.3	Slow 🗄
Cattle manure (dried)	2.0	18.	2.2	Medium 🖁
Cattle manure (fresh)	0.3	0.2	0.4	Medium 🛔
Cocoa shell dust	1.0	1.5	2.7	Slow 🛱
Coffee grounds (dried)	2.0	0.4	0.7	-
Colloidal phosphate	0	18-24	0	Slow
Cornstalks	0.8	0.4	0.9	-
Cottonseed	3.2	1.3	1.2	-
Cottonseed meal	7.0	2.5	1.5	Slow- Medium
Dried blood	12 -15	3.0	0	Medium-rapid
Fish emulsion	5.0	2.0	2.0	Medium-rapid
Fish meal	10.0	4.0	0	Slow
Fish scrap	7.8	13.0	3.8	Slow
Granite dust	0	0	5.0	Slow
Greensand	0	1.5	5.0	Very slow
Guano	12.0	8.0	3.0	Medium
Hoof meal and horn dust	12.5	1.8	0	Slow
Home manure (composted)	0.7	0.3	0.6	Medium
Morse manure (fresh)	0.4	0.2	0.4	Medium
Leaf mold (composted)	0.6	0.2	0.4	Medium
Mushroom compost	0.4-0.7	57-62	0.5-1.5	Slow
Oak leaves	0.8	0.4	0.2	Rapid
Peach leaves	0.9	0.2	0.6	-
Phosphate rock	0	30-32	0	Very slow
Pig manure (fresh)	0.6	0.4	0.1	Medium
Pine needles	0.5	0.1	0	-
Poultry manure (fresh)	2.0	1.9	1.9	Medium-rapid
Rabbit manure (fresh)	2.4	0.6	0.1	Medium
Roses (flower)	0.3	0.1	0.4	-
Sawdust	4.0	2.0	4.0	Very slow
Seaweed	1.7	0.8	5.0	Slow-medium
Sheep manure (fresh)	0.6	0.3	0.2	Medium
Soybean meal	6.7	1.6	2.3	Slow-medium
Tankage	6.0	8.0	0	-
Tobacco stems	2.0	0	7.0	Slow
Wood ashes	0	1.5	7.0	Rapid

Page 51

successful composting in action. Congratulations! Happy composting! And happy gardening in a way that completes an entire cycle of life!

# RECOMMENDED READING

Here's a list of some books which are extremely well done, some of which are out of print. Check your local library. Some of these books may be available from the seed companies listed earlier in this article:

- 1. *How To Grow More Vegetables Than You Ever Thought Possible, On Less Land Than You Can Imagine,* by John Jeavons.
- 2. The Backyard Homestead Mini-Farm & Garden Log Book, by John Jeavons, J. Mogador Griffin & Robin Leler.
- 3. Square Foot Gardening, by Mel Bartholomew.
- 4. The New Seed-Starter's Handbook, by Nancy Bubel.
- 5. *How To Save Your Own Vegetable Seeds*, by the Heritage Seed Program, Ontario, Canada.
- 6. The One Straw Revolution, by Masanobu Fukuoka.
- 7. Bio-Dynamic Agriculture: An Introduction, by Herbert H. Koepf.
- 8. Intensive Gardening, by Faber & Faber.
- 9. High-Yield Gardening, by Majorie B. Hunt and Brenda Bortz.
- 10. The Expert's Book Of Garden Hints.
- 11. The Heirloom Garden, by Jo Ann Gardner.
- 12. The New Organic Grower, by Eliot Coleman.
- 13. Lewellyn's Organic Gardening Almanac.
- 14. The Bio-Dynamic Farm, by Herbert H. Koepf.
- 15. Home Grower's Guide To Seed Saving, by Vivecca Price.
- 16. Vegetable And Herb Seed Growing, by Douglas C. Miller.
- 17. Carrots Love Tomatoes: Secrets Of Companion Planting For Successful Gardening, by Louise Riotte.

\* \* \*

Editor's postscript: Due to the widespread dangers of Mad Cow Disease and other health-compromising conditions affecting animals, such longtime fertilizing items as bone meal, blood meal, etc., derived from ANIMALS, are falling under greater and greater suspicion. And rightly so if just the anecdotal evidence is correct—where people may catch nasty illnesses from just handling (like inhaling the dust of) such products, say when sprinkling them around their rose bushes. Thus it would seem prudent to utilize the products from the various fertilizer charts herein which are derived from VEGETABLE matter—and completely avoid the animal-derived products at this time.

This vegetation-intensive focus is also the dominant philosophy among those practicing "organic" gardening techniques. Recent data suggest that the organic approach to soil conditioning, especially employing composting, is far better in the long run, as such nourishes (rather than killing off) a wide array of soil organisms. These organisms help the entire soil ecosystem to thrive and, in turn, such healthy soil allows for a more complete nourishing of the root systems of plants. (Looks like God knew what He was doing after all, much to the dismay of the chemical fertilizer industry.)

Harkening back to Rick Martin's front-page feature interview for this "green" issue of The SPECTRUM, let me here repeat that an absolutely superb source of all kinds of information covering this entire subject is a longtime magazine called Organic Gardening, which is available from many newsstands, or you can contact them through the following different avenues: try their very informative www.organicgardening.com website; call 1-800-666-2206; write to Organic Gardening, 33 E. Minor Street, Emmaus PA 18098. If ever there was a publication that deserves praise for consistently maintaining the highest standards and commitment to helping people have fun in the garden, while at the same time being thoughtful toward Mother Earth, this publication has earned such praise over many years of presenting the finest articles of interest to gardening enthusiasts.  $\triangle$ 

# TRADITIONAL COMPANIONS

(Outside The U.S.) 661-823-9696

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# **Emerging Viruses - AIDS & Ebola**



This is the first in-depth exploration into the origins of HIV and Ebola. Claims that these "emerging viruses" naturally evolved and then jumped species from ape to man seem grossly unfounded in light of the compelling evidence assembled in this extraordinary text. Alternatively, the possibility that these bizarre germs were laboratory creations, accidentally or intentionally transmitted via tainted hepatitis and smallpox vaccines in the U.S. and Africa—as numerous authorities have alleged—is investigated herein. This book reviews the numerous viral vaccine studies conducted simultaneously in New York City



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and Central West Africa by a narrow \$29.95 (+S/H) network of virologists working for major military-medical

contractors under the auspices of the National Cancer Institute (NCI) and the World Health Organization (WHO). Included is Dr. Robert Gallo, the notorious discoverer of the AIDS virus. The text presents bizarre and horrifying facts about the biological weapons race of the 1960s and early 1970s when these researchers developed countless immune-systemravaging viruses, and experimented with an assortment of antidote vaccines allegedly for "defense" and cancer prevention.

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# The Indigo Children The New Kids Have Arrived by Lee Carroll & Jan Tober

(Featured interview in the March 2000 issue of The SPECTRUM.)

The "Indigo Child" is a boy or girl who displays a new and unusual set of psychological attributes, revealing a pattern of behavior generally undocumented before. This pattern has singularly unique factors that call for parents and teachers to change their treatment and upbringing of these kids to assist them in achieving balance and harmony in their lives, and to help them avoid frustration.

In this groundbreaking book, international authors and lecturers Lee Carroll and Jan Tober answer many of the often-puzzling questions surrounding Indigo Children, such as:

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- Are these kids smarter than we were at their age?
- How come a lot of our children today seem to be "system busters"?
- Why are so many of our brightest kids being diagnosed with Attention Deficit Disorder (ADD)?
- Are there proven, working alternatives to Ritalin?

Throughout this work, Carroll and Tober bring together some very fine minds (doctors, educators, psychologists, and more) who shed light on the Indigo Child phenomenon. These children are truly special, representing a great percentage of all the kids being born today on a worldwide basis. They come in "knowing" who they are-so they must be recognized,



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religions and suppressed the spiritual and esoteric knowledge that will set humanity free from its mental and emotional prisons. It includes a devastating exposé of the true origins of Christianity and the other major religions, and documents suppressed science, which explains why the world is facing a time of incredible change and transformation. The Biggest Secret also exposes the true and astonishing background to the British Royal Family and, through enormous research and unique contacts, Icke reveals how and why Diana, Princess of Wales, was murdered in Paris in 1997. This includes information from a close confidant of Diana for nine years, which has never before been made public.

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