

# What is Ormus and What Does It Do!

1. A substance has been found to profoundly focus the life-force energy; some would call the life force energy Chi, Prana etc. It has been observed that this substance thereby supercharging the life form exposed to it or supercharges the person that consumes it. This substance is called Ormus, M-State, Amrit etc. It is actually Trillions of mono-atomic Elements found concentrated in the substance. This substance is something other than a solid, other than a liquid and something other than a gas. Structurally is described as a substance compromised of mono-atomic elements or Ormus. This substance includes Cobalt, Nickel, Copper, Ruthenium, Rhodium, Iridium, Mercury, Palladium, Silver, Osmium, Platinum and Gold.
2. There is evidence that Alchemists from Europe, Egypt, India, and China extracted Ormus; mostly used by the ruling classes and some highly evolved spiritual masters.
3. Ormus does nothing itself other than to awaken natural abilities in a life form; to include animal, plant, human etc.
4. The ORME is very sensitive to light and to electromagnetic fields. Store in a dark location. Great care should be taken to keep from 'driving-off' the ORMEs with ambient magnetic fields and EMF energies.
5. The story of the rediscovery of Ormus begins in the late 1970s with a rich cotton farmer in Arizona named David Hudson. Because the volcanic soil in that region had unusual properties, and the underlying rock was known to contain precious metals, he decided to have a complete elemental quantitative analysis done on it. His analysts were then puzzled to find a fraction which defied analysis: it had no metallic characteristics, no chemical reactions and no spectroscopic signature. Eventually one spectroscopist suggested giving it a "longer burn". It was only then that spectral characteristics began to appear and, most surprisingly, they were suggestive of certain precious metals. Clearly this demanded further investigation so, having considerable private finances, Hudson hired some chemists and determined to solve the problem. The results of what he found are written up in considerable detail in his patent. He also gave a number of public lectures. It was from watching nine hours of videotape of these that I first learned about the phenomenon. However, no single article on this subject has appeared in any scientific journal. It is because Hudson's claims are so challenging that I have delayed writing about it, in the hope of finding academic confirmation. While no official academic research appears to be underway, a loose group of scientists and lay people has been working on this subject for a number of years. Without the benefit of funding or official laboratory premises, and having no connection with Hudson, they have managed to reproduce at least some of his claimed findings. Their work, together with that of Hudson, is summarized in a number of articles by Barry Carter on his very extensive and informative website.
6. The basic fact seems now beyond doubt, both from Hudson's work and that of the independent group, that a number of precious (and some not so precious) metals, including rhodium, iridium, gold, platinum, palladium, copper and several others, can exist in a completely different state, in which they are not metallic—being grey or white powders when isolated in the solid state.
7. Hudson made three other main claims, which could be more arguable. He said that, in the ORMUS form of these elements, the electrons are re-arranged in such a way that they no longer participate in chemical reactions. Likewise, the bonds which normally hold metal atoms together in the solid form are lacking, so that they would be effectively monatomic.
8. Hudson performed analyses on a wide variety of materials and reported finding ORMUS elements in most of the samples of soil he tested, but especially soils from volcanic regions. Other researchers later found them to be present in most samples of natural waters tested, with particularly high concentrations being present in the sea and especially the Dead Sea. One researcher has even found it in the air. (Here it is perhaps not too surprising that even a heavy element in the monatomic form could behave like a rare gas.)
9. Still more strange, when working with ORMUS iridium and subjecting it to repeated heating to red heat and cooling, he found its weight to oscillate violently with each cycle of annealing—even, at one point, to lose and

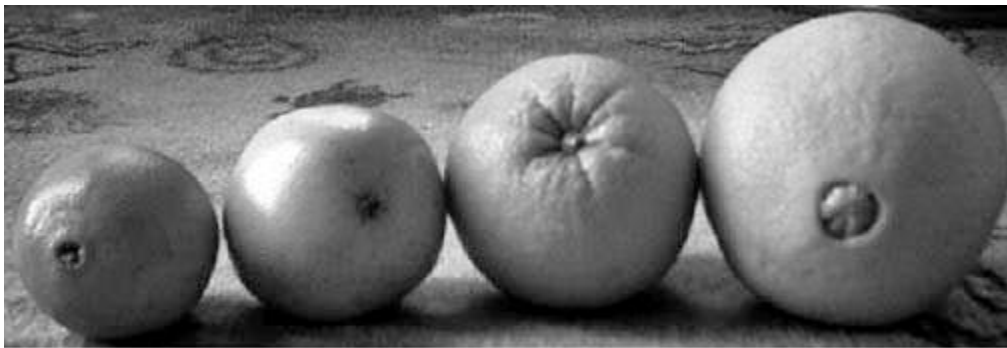
then regain its weight. This result has been incorporated into the hyper-dimensional theory of Finnish theoretical physicist Matti Pitkänen.

10. Several independent researchers have confirmed the weight changes. Several of them have observed another strange phenomenon: drops of liquid, containing concentrated ORMUS, forming on the outside of closed containers—especially under the influence of magnetic fields. This has led them to suppose that ORMUS atoms can pass through the walls by quantum tunneling, and carry a little water with them. Also unexplained is the observation that certain ORMUS preparations in aqueous solution acquire a static electric charge. This can be discharged with an audible spark, after which the charge will re-form and can again be discharged an indefinite number of times.
11. In view of the difficulties in obtaining scientific data on human health, most of the emphasis must go to the effects on plants. These are unarguable, and are indeed phenomenal. They can be seen on several websites.
  - A. The preparation most used is the simplest and cheapest: a crude concentrate made from sea water. There is in fact a history, prior to the discovery of ORMUS, of the use of products from the sea, particularly seaweed, in agriculture. Some people have even reported good results from putting unaltered seawater on the land. Dr. Maynard Murray recorded a great deal of data on the health of animals fed on grain from sea water–treated land. One experiment was done with a strain of mice, of which 90 per cent normally develop spontaneous breast cancer. Of those fed the grain from treated land, however, only 55 per cent developed the cancer, and in the second generation this figure was reduced to two per cent.
  - B. Of course, land so treated would eventually become over salinized and the yields would decrease. The procedure to concentrate ORMUS, however, probably increases its ratio to salt about 80 times. We note Dr. Murray's comment that human populations where malignancy is rare tend to be found in areas where there is "very little egress of water to the sea", so that the vital elements washed down from the mountains remain to be re-utilized.
  - C. Very little of the concentrate is required: from four to 20 liters per acre [~0.405 hectare], depending on the crop. The results of using ORMUS concentrate, however, far outstrip those with sea water. Indeed, without the photographic evidence, they would be hard to believe. For example, a walnut tree treated over several years has grown to over twice the height of control trees and now produces six times the weight of nuts — and the nuts themselves are the size of tangerine oranges! A plum tree produced, in the first year of treatment, individual fruit nearly twice the weight of those from the control tree, and in the second year they were over five times the weight.
  - D. One photograph shows maize plants so high that the owner has to stand on a stepladder to reach the top. They appear to be some 12 feet [~3.6 meters] high. Oranges were produced the size of cantaloupe melons! There are many other examples. In addition, there are consistent reports by those using ORMUS that ORMUS-treated crops are not only much more productive, but they also mature earlier, need less fertilizer and have greater resistance to pests. They even taste better!
  - E. Hudson's own experience was with potatoes. Of four rows (comprised of two varieties), two were treated and two received an equivalent watering. At harvest, the aggregate weight of the controls was 31 pounds [~1.41 kilograms] and the treated was 58 pounds [~2.63 kilograms]. In addition, although I have no strict controls, some of my carrots have weighed over one pound [~454 grams].
  - F. There has been a consistent finding that yields further increase during the second and subsequent years after treatment. This is very probably due to the effect of ORMUS in building up the soil's content of mycorrhizae — the fungal symbionts which are necessary for plant growth. We have yet to give sufficient recognition to the importance of these fungi. They become seriously depleted by overuse of chemical fertilizers and herbicides.
  - G. Of course, there is no proof that these results, impressive as they are, are due to ORMUS. Some might still argue that the effects are due to supplementation with conventional minerals. This, as with so much of the foregoing, must await more precise scientific work.

- H. Walnut trees treated for several years with ORMUS, are producing six times the weight of nuts compared to untreated trees. (Source: <http://www.subtleenergies.com/ORMUS/tw/walnuts.htm>)
- I. Many growers have already discovered that in just six weeks' time their crop of choice has become larger, healthier with more abundant fruit than they've ever seen; all this with Ormus . The Ormus is to be used at the rate of one to two tablespoons per gallon of water at the beginning of the vegetative state and then again just as plant flowering begins.

Time to maturity is shortened by about 1/6th while yields, at a minimum, are 50% greater... Some growers even get yields 5 to 10 times greater!

It has been reported that the plants are far more resistant to insects, disease, mold, fungus, and variations in light intensity... Because the plants are so vibrant it even buys the grower some tolerance when grown with hydroponic systems if there happens to be some kind of mechanical failure that isn't corrected right away. Because the ORMES are trans-dimensional in nature, clones have FREQUENTLY demonstrated spontaneous genetic changes. This is fascinating stuff.



Reading L to R: supermarket orange, supermarket grapefruit, orange from tree treated 2 years with ormus, orange from tree with 4 years treatment.

- J.
12. Biological effects of ORMUS: The biology of these substances we are calling Ormus, is also wide open to investigation. It could be said, however, that the new chapter in biology has already been opened: in the quantum understanding of life. According to this view, the holistic properties of life are only accountable on the basis of quantum coherence; that is, the apparently random activity of biological molecules (according to classical thermodynamics) is actually coordinated by the same quantum principles which govern the action of a laser. This radical re-visioning of biology has been persuasively introduced by Dr. Mae-Wan Ho.
  13. Further vistas in quantum biology have been opened in some exciting recent work which suggests that, while a small fraction of the DNA functions by coding for proteins, the bulk of it (the so-called "junk" DNA) operates in a way that's independent of chemistry to inform the quantum "field" of the body. This, together with a number of publications which suggest the presence of superconductivity in living organisms, might support Hudson's speculations on the close involvement of ORMUS with DNA — even that it can actually correct DNA damage.
  14. Hudson foresaw that there could be great potential for these materials in industry — especially as his analyses led him to conclude that far more of these precious elements exist in the world in this form than in the metallic form. At some point, however, his uncle, who had an interest in alchemy, suggested that if he looked into this subject he might see a connection with the "white gold" that some of the alchemists had described and which had properties of healing and extending life-span.
  15. Hudson then gave an ORMUS preparation to a very sick dog, which was likely to die from both cancer and tick fever. When the dog recovered, human volunteers began to offer to take it themselves, apparently with good results. Hudson then gave samples to a number of doctors, with the suggestion that they try ORMUS on a few of their terminal patients. In his talks, he gives graphic reports of some of the remarkable recoveries which

occurred. He also mentions that he gave a sample of ORMUS rhodium to a number of laboratories, including Merck & Co. and the US National Cancer Institute, which tested it on cultures of cancer cells and found it act with a toxic-free effect on these cells.

16. For some time now a numbers of independent producers have sprung up, making and selling ORMUS concentrates prepared from various sources, including sea water, water from deep springs, salt mined from mineral deposits and certain medicinal plants such as Aloe Vera. There are now probably some thousands of people taking these products. While most of them seem to have had no history of serious illness, many have obtained improvements in general health and energy, often including changes in attitude which they take to be spiritual.

Nevertheless, a few reports can be found from within the forums of ORMUS-attributed recoveries from serious illnesses including cancer. All of the data on human health, however, has to be classed as anecdotal. There have been no clinical trials, not even any collated tables of results. And here, of course, it has to be understood how much care needs to be taken not to make medical claims for materials such as these, for which no precise analyses exist.

17. It can be shown a more immediate effect of ORMUS by certain techniques widely used to monitor the effectiveness of energy medicine therapies.
  - A. One is dark-field microscopy of the blood. In a few hours after taking ORMUS (as with many other beneficial treatments, such as acupuncture, massage, etc.), a person's red cells are shown to become more rounded and well-separated and the amount of debris in the serum decreases.
  - B. There are also reports from EEG studies of increasing balance between left and right hemispheres of the brain.
  - C. Another promising technique is bio-electrograph. This is a more general term to cover Kirlian photography and later developments from it. It has been elaborated into a quantitative science by Dr. Konstantin Korotkov.
18. Here is reported experience from Hudson. "I had been taking a proprietary preparation of ORMUS for about one year, and had been aware of increased energy and a feeling of "well-being". For the test, I used the GDV (gas discharge visualization) equipment designed by Dr. Korotkov. First, I ceased to take the ORMUS for a period of two weeks, then took an initial (control) reading with the GDV, and immediately after this I took a large dose of ORMUS (six times the recommended daily dose), and then took further readings at intervals subsequently. Figure 1 [not shown here; Ed.] shows the time course of the response, in which the area of the image rose to a maximum of 1.5 times the control at about four hours, then declined slowly over the next 12 hours.

From Dr. Korotkov's extensive work with the GDV, it is clear that, of the many parameters of the image which can be analyzed, the area is the one most indicative of general health.

19. For readers who want to make some of these products themselves, see descriptions of methods on Barry Carter's website. The simplest procedure involves merely raising the pH of a solution of sea salt to between 10.6 and 10.78. The resulting precipitate, mainly magnesium and calcium hydroxides, carries down the ORMUS elements with it. It only remains to wash out the bulk of the salt.

20. References:

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## 21. Large Studies

Professor Hou Tian Zhen, the director of the Department of Tree Physiology and Biochemistry at the Xinjiang Academy of Forestry Sciences in the People's Republic of China, led a team of researchers evaluating the use of it in three separate experiments.

In 1989, the first experiment, conducted in the greenhouse at the An-ning Experiment Station, tomatoes treated with it averaged nearly double the number of flowers per plant and **27% more fruit**.

In 1990, a field experiment at the An-ning Experiment Station demonstrated that the treated **green beans increased yields by 81%, sweet beets yields increased 67%, and soybeans increased 29%**.

In 1991 a large-scale field experiment was conducted using **watermelon** plots 300 meters apart in a field at the An-ning Experiment Station. Treated melons **yielded 65% more than the control group**.

Professor Zhen noted the hypotheses that might explain the mechanism of yield increase. While some scholars suggest it might effect the wider opening of the stomata (pores in the under side of the leaf through which gases flow in and out of the plant), another explanation was given by Dr. San Lunjing, professor at Zao-Dao-Tian University in Japan. He suggested the bioelectrical potential is shafted when the plant receives the stimulation. The shaft, in turn, generates ionic flow and such ionic flow stimulates cells resulting in optimized growth.

“In our cooperative research in plant control systems with Qing Hua University, China, we were able to detect the sound produced by Haiyu plant using a laser resonance method. We also found that a plant can selectively absorb sound waves at a certain frequency... Our research is underway to investigate changes in plant photorespiration, enzyme activity, and hormones when a plant is exposed to sound wave stimulation.

## Alfalfa

Harold Aungst, a Pennsylvania alfalfa grower using our technology has won every contest in his county for growth and nutrition, with **29% protein, the most tons per acre and five cuttings instead of three**. He got 7.6 tons/Acre the first year using this technology, nearly double the state average of 3.4 tons/Acre. The second year that increased to **10 tons/Acre, triple the state average**. Use of this

new technology treated hay resulted in a **30% increase in milk production**.

“We’ve had alfalfa, the first cutting here, average about **3 feet tall**. This [third cutting] is pushing 3’ now and we had the same for the second cutting. You normally would just have maybe 1 ½’ alfalfa and it wouldn’t be so healthy. We had a test run at Agricultural Days over at Penn State and it tested 29% protein and just about **80% total digestible nutrient [TDN]**. The average protein would be anywhere from 19-22 and the average TDN...once you’re above 70 you’re considered high.”

“The cows now eat up the stems and all where in other years [not using this] they’d let them lay. The cow’s nose is a good barometer of how good the hay is. If you throw down this hay with hay from somebody else’s farm, I’ll guarantee ‘ya they’ll pick this hay every time.”

Aaron Zimmerman, a Mennonite farmer found his **alfalfa crop increased from 37 bales/acre to 93 bales/acre after using it**. Farmers in Minnesota using it on their hay crop **during a two-year drought reported harvesting a hay crop when their neighbors were getting nothing**.



## Apples

Wilson Mills of Circle K Apple Orchard in Wisconsin using it since 1989 gets more fruit, partly because the branches are stronger and more supple, making unnecessary the artificial thinning of the fruit. This is due, in part, to the 1200% increase in the nutritional uptake of zinc, 400% in iron, 326% in chromium, and 120% in potassium. **Apples are larger and mature 2-3 weeks early obtaining a premium price**. An early harvest alone doubles the value of the crop. He doubled his harvest every year for the first 8 years, had triple the normal fruit set and **record sugar content**. “The state average yield per acre is 290 bushels. While using it our average yield per acre has been over 400 bushels per acre.”

“Three weeks before harvest, the sugar content is 12%. Eight percent is acceptable.... Because we’re **three weeks early** we’ll be able to get twice the normal price for this apple at the wholesale level. That alone will pay for the cost of the application of it. We have 40 Acres here with 11 different varieties. All of them will come in 2-3 weeks early this year.” [1996]

“Our finished fruit when compared with the same varieties from other local orchards averages 10% to 15% **higher sugar content**....Our fruit **hold up longer in storage** after harvest than similar fruit from surrounding orchards. Typically we can maintain good quality apples for over 5 months.”

“We have found that when using it we are able to **reduce the recommended volume per acre of chemical by 50%** without losing any effectiveness in pest control.”

“From time to time soil tests and leaf analysis are run on the orchard and in the past 6 years we have not needed to apply any additional nutrients other than it.”

In 1992, JoAnn Mahaffey of Stone Ground Farm in Ontario, Canada showed a **50% yield increase over controls** even though the latter were close by and received the advantage of sound. "Most impressive to me, was the fact that when these apples [Ida Red] were taken out of C.A. storage in April, we were able to pack out 95% of the test bins."

Charles Dodge in Arkansas said, "I have four young apple trees on my property that I planted three years ago. I don't care who the experts are — they will all tell you the trees are 7-10 years old! "

Aaron Zimmerman, a Mennonite farmer planted fruit trees but had no fruit. "After spraying with it they produced their first crop.

Using our treatment, John Fergusson of Orange, New South Wales, Australia obtained **160% yield increase in plums, 130% yield increase in nectarines, and 100% in apples**. All were **larger, had increased sugar, and a longer shelf life**.

## **Avocados**

"Avocadoes inside the canopy were as **big as softballs**. They wouldn't fit the avocado picking basket."

## **Bananas**

A banana plantation in Okinawa reported a **100% increase in yield and reduced maturation time by 35%**.

## **Beans (Green)**

In 1990, a field experiment at the An-ning Experiment Station demonstrated that the treated **green beans increased yields by 81%**.

## **Beets (Sweet)**

In 1990, a field experiment at the An-ning Experiment Station demonstrated that the treated **sweet beets yields increased 67%**.

## **Blueberries**

Their blueberry bushes are **ready for picking 10-14 days earlier than normal, and their flavor is exceptionally sweet**.

"What would you say about it overall?"

Mr. Dodge says, "Everything it touches grows better...Everyone who gardens without it is working against themselves....."

## **Cauliflower**

Cauliflower grown with it are so big that only four will fit in a box designed for 12.

## **Coffee**

It has increased coffee production by over 50%-100%, with better taste, bigger beans, and 80% Fancy or Gourmet quality when environmental stress has caused 80% empty pods on other nearby farms.



Young plants yield 1/3 earlier than normal and the harvest is more uniform in maturity so that fewer pickings are necessary.

Susan Ferrell on the Kona Coast of Hawaii said they've proved to themselves it is in the germination rate with is the highest I have ever seen in coffee seedlings (98%)."

Michelle of Kona Kalonna Farms found, in addition, that a large percentage of the beans were "pea berries," whole, un-halved beans that make the very best coffee.

A coffee grower in Puerto Rico said that, "We have seen an increase in the volume of product per tree, an earlier maturity, and 3-year old trees in full production. Because of uniform maturation, the beans are picked only 3 times saving labor costs."

## Corn

Raul Mendez of Quimcasa, Huixquilucan, Mexico on his 5000-acre plantation of organic vegetables and field crops had over **300 bushels of corn/acre and 137 bushels/acre soybeans** using it (USA average is 40-45 bu/a). The percentage of the corn population with two ears/plant increased from 20% to 60% with some plants bearing **7-9 ears/plant--filled out to the tip**. Often 2 or more stalks emerged from the same seed Mr. Mendez added, "We have only 15 [seed] rows in the control and 20 rows in corn treated with it."

The **protein content of the corn was increased**. In field tests in Laguna, Mexico, treated corn **yielded 250-bu/a, compared to 200-bu/a (the Best in Mexico), and the Mexico average of 83.33 bu/a**

Jess Kufahl in the Upper Midwest reported **ears fuller, 2, 3, 4 ears/stalk with many double stalks** from the same seed.





## Corn (Sweet)

Wayne Zunker said upon telling his buddies about what he was doing said, "Couple of my friends kinda looked at me and started to walk away. 'There's something wrong with that guy.' **But it worked! It definitely worked....That's amazing.**"

Of his sweet corn production: "We had a pretty good crop last year, but nothing like this. **Four stalks off one seed?** That's pretty good. Most of these have 3 stalks and I know I used only one kernel! I planted them myself."

Gerry Carlson of BioResearch Farms in Cedar Falls, Iowa reported a controlled study of Illini "Ivory and Gold" sweet corn with treatment. The July 24<sup>th</sup> harvest totals were 467 lbs treated to 359 untreated and 691 ears treated to 507 untreated. On July 29 the harvest totals were 182 lbs treated to 94 untreated with 147 ears treated to 124 untreated. "The increases for total pounds of production are consistent with earlier work in 1984 and 1985 on soybeans and vegetables."

"One of the interesting aspects is the number of ears which reached market size. The treated plants generated more double ears and pushed them to maturity."

## Cotton

Tests at Texas A&M showed treated cotton plants produced **1/3 more lint, larger bolls and larger seeds.**

## Cranberries

**Nathaniel Shurtleff, Jr. Fox Island Cranberry Corporation, South Carver, Massachusetts**, a cranberry grower for over 60 years has 21 acres of cranberries. He says he has never seen anything like the increase in quantity and quality. The sugar content of 8.92 was much higher than normal. In 1996 before using it, their yield was 126 barrels/acre, a \$10,000/acre gross profit. In 1997 they treated their crop with it and increased their yield to 209 barrels/acre, a \$16,700/acre gross profit. The additional \$600 in costs for treatment obtained a net gain of \$6,000/acre. For 21 acres that is a net gain of \$126,000.

**Bob Perry of Perry Cranberries in South Carver, Massachusetts** found that fairy rings disappeared and no fungicide was used on his crop.

## Cucumbers

500 cucumber seeds soaked in a 500-1 solution, matured from seed to harvest in 40 days, producing 7,600 lbs of gourmet cucumbers. They had to be picked daily over a period of 36 days lest they grow too long to fit the 20 inch packing boxes.

"These plants were set outside here the same day. What I'd like to point out here is the difference in the size of the growth of these plants as we get away from the sound of the 'music' or oscillators in the greenhouse. As we go down the field here, the farther away we get, the smaller the plants become."



Great Salt Lake precipitate grown cucumbers

## Flowers

Brian is a successful, experienced commercial flower grower in New South Wales, Australia. Skeptical that anything could improve upon his excellent yields and turnaround time, he nonetheless tried our technology. Since beginning the use of it in 1994, he has **reduced the time from seed to cut flower market from ten weeks to only six weeks**. This has permitted **one extra growing cycle in the year**. Brian reported **150% yield increases in chrysanthemums** and a 40% reduction in production time for other species.

The plants are also producing **twice as many blooms**. Instead of two or more plants per bunch, he need only use one plant, effectively doubling his profit. His asters are now growing sufficient stem length to avoid the normal use of grow lights in winter, and he is spraying much less for pests and disease.

Brian also uses eucalyptus for decorative foliage. **Six-inch seedlings are growing to 14' in only 9 months**.

A North Coast commercial rose grower in 1994 reported exceptional growth and flower production in mid-winter that is equivalent to summer! He also reports that since beginning the treatment, he now finds he has virtually **no short stems**. This has happened after just 7 weeks of treatment. He sees **fifty to seventy-five roses on a bush with blooms much larger than normal and double the shelf life. 8-10 roses per bush is the norm**.

Greenhouses have reported **200-300 blooms on each of their 5,000 African Violet plants**.

A Longmont, Colorado grower and creator of dried flower wreaths said: "Before I used it I couldn't hold the beautiful, vibrant color in my flowers, but using it....as you see these zinnias, I've got a **beautiful color take and I'll be able to hold this even after they're cut.**"

## Ginger



Treated on the left, untreated on the right.

## Ginseng

Bill Bostwick, a ginseng grower in Wisconsin uses it to obtain **5,000 lbs/acre**, whereas the state average is 1,300 lbs/acre. He grows plants to five year maturity while most must settle for 3-4 year maturity, because the usual **susceptibility to fungal disease is absent in his plants**. Testing for **ginsenoside**, the active ingredient in ginger, St. John's University in Jamaica, New York found that Bill's ginger yielded **over 11%** whereas the state average was 6-8%. With our treatment, he sells ginger seed for the premium price \$50 /lb compared to the normal \$8-10 /lb.

His neighbor, Dennis Draeger bought Bill's seed for his ginseng farm. "The size of Bill's seed is what threw me 'cuz his was twice as big as what I had. I've been having germination problems. The **germination was twice as good** as what I normally had. Seeing Bill's garden is what's made my decision. Bill had, without a doubt, the best garden I'd ever seen. They were just huge roots, huge plants. You couldn't walk more than 10' into any of his beds 'cuz it was just solid plants 3' tall. And uh, I walked all the way around his garden, I looked for disease. I talked to him about what he sprays and when he sprays it. He doesn't spray much at all. Rudamil, he doesn't hardly use at all. And that's what sold me on it." The next year, using it, Dennis got a ginsenoside report showing 9.89%. Another neighbor, Rick, began using it, too, and had 11.27% ginsenoside.

Dan Peters of Champaign, Illinois and past president of the Illinois Ginseng Association said he thinks it is **very cost-effective**.

## Grapes

Lily Hill Farms in Michigan produces grapes for Welch's. Penny Kelley reports: "We used it on approximately 14 acres of Concord grapes this year [1993] and had a **wonderful crop**. We followed your recommended spray schedule and were rewarded with tremendous numbers of buds and a very good bud set." **Vines that usually produce 80-90 buds per vine produced 150-170.**

"The clusters developed well and **reached an excellent sugar level approximately 12 days earlier than other grapes in our area**. Due to last year's cold, wet summer many vineyards suffered from Delayed Bud Syndrome--but not us. This year was warm and wet causing overwhelming problems with mildews everywhere but in our vineyards. **The grapes also withstood a number of freezes with temperatures down in the mid-20s**. It was a rough year for many grape growers in the Lake Michigan region but we sailed through every challenge."

“Some of the farmers had their crops reduced 30-50%. I think we had the **biggest crop we’ve ever seen**. The grapes look **like socks on clothesline**. It seems to do several things. Grapes hang on in spite of Thamnopsis.

“The cane growth this year was also spectacular. We have been rewarded with beautiful, healthy, chocolate-colored canes for next year’s crop. We intend to use it again and expect another great year for grape growing.”

An Australian vineyard reports **60-100% increase in yields with brix levels at record highs**. “I’ve seen many benefits. It has **cut back 50-100% on water**.”

A New Zealand grower from the South Island reports **triple yields of high quality fruit** and rapid growth of young vines. Colin Marshall, a successful organic grape grower in Christchurch, New Zealand, has **two year-old plantings loaded with grapes when production is not expected until the fourth year**. This means two additional seasons of profit instead of expenses. Varieties that are normally slow growing were developing rapidly and Colin noted that his vines had **very little disease** since using this.

## Herbs

South Australia medicinal herb growers are reporting significant in nutritional and medicinal values for the treated plants. One grower uses the kernel of the black walnut and finds that **the active ingredient is four times more potent in treated trees**.

There is an extract, taxol, in the bark of yew trees that has shown promise in curing cancer. With treatment the taxol goes into the needles, thus eliminating the need to kill the plant to obtain it and tripling the amount available in the tree.

A cancer clinic in South Australia uses a highly nutritious diet as a part of its therapy. They use our treated produce to assist in the cure of cancer along with other therapies.

## Kiwi

An Australian kiwi grower said, “Treated vines are obviously **more healthy**.” We had “an **early harvest about 2 weeks before we normally expected it would be**. We have a small export window and we made that window bigger....I thought it was one of these pie in the sky things but it obviously interested me enough to try it. And now I’m sort of quietly optimistic.”

## Macadamia Nuts

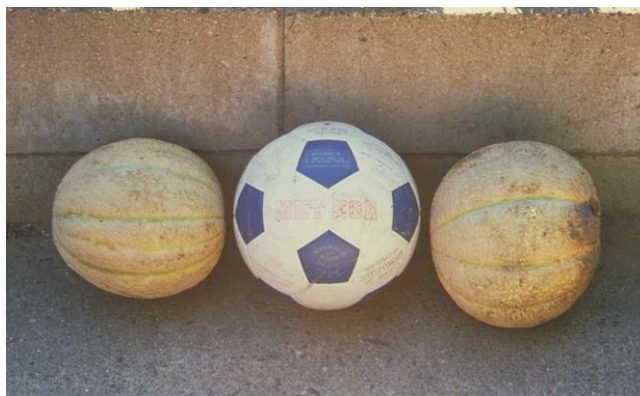
Laurie, an Amamoor, Queensland, Australia macadamia nut grower, **despite no irrigation and a five-month drought in 1994, harvested a crop when normally the macadamia trees would abort their fruit under the harsh conditions**.

## Mangoes

Bruce Loveday, a Gladstone, Queensland, Australia mango grower, produced his **best crop ever despite an otherwise crippling drought**. “I normally apply 730 liters of water per tree per week during the growing season, but this year I was only able to supply them with 70 liters per week, with none at all some weeks.” The hidden factor, Bruce believes, is the treatment. “A couple of old blokes who are mango freaks said my fruit was the **best they had ever tasted**.”

## Melons

A Chinchilla, Australia melon grower found that they were still picking melons after six weeks, far beyond the usual 3-4 'picks' per season. "The crops are **healthier, better fruit, more flesh, thinner rind**. It's unreal!" First reaction? "Sort of laughed at it when I heard about it from other people, but I tried it myself. It's not a laughing matter. It's real!" This despite the drought.



They are so big, they pack 4 or 5 to a box that is supposed to have 12-14!  
And they taste so good! Makes my mouth water!  
(The center one is a soccer ball, just in case you missed that!)

## Nectarines

John Fergusson of Orange, New South Wales, Australia obtained **130% yield increase in nectarines**. All were **larger, had increased sugar, and a longer shelf life**.

In Medowie, New South Wales, Australia Nick Falko smiled and reported, "I'm a very happy farmer. I had **better fruit all 'round, better color, better flavor**. Treatment **helped prevent fruit drop**. I had a neighbor come along who grows the same varieties that I do. I showed one of the fruit from that particular variety and it was **bigger than normally--two or three sizes bigger. It was really huge, about 7 ounces. That's a large bit of fruit.**" He obtained such gourmet prices for his gourmet-sized peaches and nectarines that on the profits he quit his job as a prison guard to help him beat cancer.

## Oranges

**Five month-old orange seedlings setting flower**; top leaves of 7 month-old grafted tree reach adult size after treatment; 300,000 orange seedlings all bearing fruit at about 8 months, oranges with 5 month shelf life!!

Roy McClurg, a citrus grower in LaBelle, Florida said, "This is a typical fruit set from a treatment: **fruit that is set inside the canopy as well as the outside**. With inside fruit, that pays freight and the taxes. I estimate the fruit set on this tree will go 8 boxes which is terrific, way above the average." Production has increased by 66%.

Of trees that had begun to show Young Tree Decline prior to treatment Roy said, "**Young tree decline is being retarded**. It isn't happening! The trees are getting better and better."

The **vitamin C content** in treated oranges **tested 121% higher** than untreated oranges at the Olive Garvey Center for the Improvement of Human Functioning.

Along the Sunshine Coast in Australia, an **organic citrus grower** showed treated plots increased yields of 300% over the control plots and achieved an earlier maturity. His first reaction? “I laughed at it.” Now? “I’ll eat my words. It really does work.”

Kurt, an organic citrus grower in Queensland, Australia cited **triple yield increase despite several months of drought.**

## **Palm**

In the seed room of a **palm nursery** in Queensland, Australia, some varieties of **palm seeds were germinating in 3 ½ months instead of 6.**

## **Papayas**

**"Papayas 135 per tree versus 30. They were the biggest, sweetest."**

## **Peaches**

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## **Persimmons**

Brent Baldwin’s persimmon orchard in Waimuku, New Zealand had fruit on one year-old trees and three year-old trees bearing fruit, 1-2 years ahead of schedule. Not only were his yields up, the **harvest began 2-3 weeks earlier.** Last year [1993] without it, Brent lost most of the year’s work to frost.

## **Plums**

Santa Rosa Beauty plums are producing 6,000 pounds of fruit on a three year-old tree. Using our treatment, John Fergusson of Orange, New South Wales, Australia obtained **160% yield increase in plums, 130% yield increase in nectarines, and 100% in apples.** All were **larger, had increased sugar, and a longer shelf life.**

## **Peppers (Bell)**

Ludie Larson of Pleasant Grove, Utah, showing a green pepper she said, “ Normally a pepper like this would last 3-5 days in the refrigerator and start getting crinkly. Treated **peppers will last about 18 days.**” Bell peppers bear **over 50 peppers/plant** instead the norm of 4 or 5.

## **Peppers (Capsicum)**

Barry Gregory is a capsicum (pepper) grower in the south of Auckland. In 1994, he had to stop the use it for a month to rebuild the supports to make them tall enough and strong enough to handle the height of the plant and the weight of the fruit. His **yields increased over 50%** and the plants showed no sign of slowing down, even though it was late in the season and the glasshouses were not heated. Wherever there was a place for a flower or fruit it was filled. **The fruit were sweet and quite large.** They were so vigorous that he had to harvest them before they had turned red. With so many that would quickly turn red he was able to double the price.



## Pineapple

**Pineapple have double the sugar, 1/3 the acid, a fully edible core, and maturity increased by 1/3.** And the terminal fruit (first ratoon) often weighs 8-11 pounds, double the norm. Normally the lateral fruits (second ratoon) are only 2-3 pounds and are often discarded. With the treatment, the second ratoon left on the plant mature to 4-6 pounds, a marketable size. If cuttings are made of the second ratoon and planted separately, the fruits will often grow to 8-11 pounds like the first ratoon. In either case, this provides a second crop where normally only one crop is harvested and this along with the larger size more than doubles the harvest.

## Potatoes

A potato farmer in Minnesota reported a 20% increase in yield using it. Others reported **gourmet-sized potatoes double or triple the normal size** as a result of treatment. “At \$50/acre/season it may be the most economical technique you’ll use this year.”

## Pumpkins

The grower of **grand prize-winning pumpkins** in Sonoma, California says, “If you get a healthy, fast-growing plant, you don’t have any problems in the garden. We never spray chemicals on our garden. We don’t need them. Best crop of pumpkins in 50 years.”



## Quinoa

Gabriel Howearth, growing gardens on adobe soil at San Juan Pueblo, New Mexico **grew a single head of quinoa to ¾ lb, a world record.** Normal is 1/5 lb. In 1985 his quinoa crop yielded 700 lb/acre, the normal being 300 lb/acre. In 1987 he **produced 1900 lb/acre.**

## Soybeans

Raul Mendez of Quimcasa, Huixiquilucan, Mexico on his 5000-acre plantation of organic vegetables and field crops had **137 bushels/acre soybeans** using it (USA average is 40-45 bu/a).

In 1990, a field experiment at the An-ning Experiment Station demonstrated that the treated **soybeans increased 29%.**

Gerry at Texas A&M says, “I’ve tried it on a number of field and vegetable crops here. Last year we got a **30% increase** on soybeans even though we had some seriously dry weather in July and August. There’s a definite physiological change at work. There’s a definite change in the plant.” A test conducted in 1985 showed a yield increase from 37 bu/acre to 75 bu/acre.

In Wisconsin, soybean plants with it produced up to **300 pods/plant. 30-35 is the norm.** And the beans were tested at 27% protein compared to the 15% norm.

## **Sprouts**

At Sprouts Extraordinaire in Longmont, Colorado, alfalfa sprouts using it developed an edible body with **1200% increase in weight and a 30-day shelf life, double the norm.**

Ron Mitchell, a sprout grower in Hawaii reports faster maturity and superior sprouts with an incredibly extended shelf life. “We are getting up to three and a half week shelf life, which is unbelievable. Lettuces are just great, too. We provide a credit and buy-back offer with our clients, so shelf life is real important to us.”

## **Strawberries**

Our **strawberries harvest 10-14 days earlier**, the strawberries are **30-40% larger**. The **sugars have gone up 2-3 brix**. Strawberry flowers normally have 5 petals...we often see flowers with nine.” “**I have never tasted better strawberries in my entire life**, and I am in my fifties and eaten more strawberries than anyone I meet.”

“We were judged to have the **best garden** in all Colorado because of it. It really, really works. I’m so glad my friend told me about it. I’m sold on it.”

## **Sunflowers**

Gabriel Howarth, growing gardens on adobe soil at San Juan Pueblo, New Mexico had **multiple heads each 18 inches across** on his sunflowers.

Ludie Larson of Pleasant Grove, Utah, showing a **sunflower** in her garden said, “We’ve only used it and this head measures 20 inches.”

## **Tomatoes**

Carolyn Ormsbee of Gardener Supply Company in Burlington, Vermont, established two plots, one at each end of a building to separate the control from sound emanating from the test plots. The tomato plants treated with it produced 195.05 lbs compared to the control that produced 131.75 pounds, a **67% increase in yield**. A gathering of ripe tomatoes a month earlier revealed more ripe tomatoes from the treated plants 31.85 lb compared to 22.1 lb untreated. This shows that there is a **69% earlier maturity** in the treated tomatoes.

In 1993, Charles Dodge at Melody Farms, Mountain Home, Arkansas said that they had typically harvested 9,000-10,000 lbs of tomatoes/season from a 4,000 square foot greenhouse. Now with our treatment the harvest averages 19,000 lb/season, about **100% increase in yield**. The **shelf life is twice as long as before, sometimes three times as long**. "People come from far distances to purchase my tomatoes and, I might add, I get similar taste praise for my cucumbers and blueberries as well."

"I started in either 1984 or 1985....I use it on all my tomatoes as well as all my cucumbers and blueberries. In fact, I use it on some of the trees on my property too."

Suckers, the shoot between the main stem and a lateral branch, are normally sterile. With treatment the sucker would be fully rooted in 10-12 days and in full production 45-55 days later. From seed, these tomatoes normally mature in 90 days. Using our treatment to help them produce their tomatoes from suckers rather than seed **accelerates their production schedule by 23-35 days and eliminates the cost of seed**. This method of growing tomatoes produces **plants 7-9 feet tall producing 400-600 tomatoes per plant, often with double tomatoes per 'hand.'**....Everyone who gardens without it is working against themselves -- tomatoes included!"

In 1989, the first experiment, conducted in the greenhouse at the An-ning Experiment Station, tomatoes treated with it averaged nearly double the number of flowers per plant and **27% more fruit**.

## **Watermelons**

In 1991 a large-scale field experiment was conducted at the An-ning Experiment Station using watermelon plots 300 meters apart in a field at the An-ning Experiment Station. Treated melons **yielded 65% more than the control group**.

## **[BioPhysics Institute](#)**

Dana Dudley has provided testimonials and images. Dana's main project now is the [BioPhysics Institute](#). Please support the work of the [BioPhysics Institute](#).

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