

Organic Gardening Product Spurs Plant Growth, Protects Fruit Trees Against Frost

Six Research Teams Study Plant Growth In Fruit Trees, Organic Gardening

NAMPA, Idaho (Business Wire EON) April 8, 2008 --An organic gardening product with the recently discovered ingredient that triggers plant growth is now being distributed nationally by TerraLife, Inc. here.

Dr. JimZ's Secret Formula Concentrated Compost Factor, or CCF, can produce roses the diameter of dinner plates, tomato plants that tower overhead and shoulder-high bell peppers.

In tests conducted by a variety of research organizations, CCF also has protected fruit trees against frost, spurred fruits and vegetables to produce more vitamins, shortened harvest time and increased the shelf life of vegetables.

The organic gardening product is derived from an edible mushroom grown for three years on a sterile mixture of pineapple and papaya puree, sugarcane molasses and water.

CCF is not, however, a fertilizer. It simply sends a message to plants to grow," said Jos Zamzow, TerraLife vice president. "As soon as you apply CCF, it's essential to provide enough food for rapid plant growth."

The Hawaiian Organic Farmers Association has approved CCF, and worldwide patents are pending.

"CCF is one of those once in a lifetime discoveries," said Wesley Chun, a former University of Idaho academic researcher and consultant to TerraLife. "One of my colleagues, Mr. Bryan Hiromoto, found the substance and has been studying it for the past three years."

Chun, who holds a Ph.D. in plant bacteriology from the University of California, Riverside, has been senior editor for Plant Disease, Phytopathology and APS Press, the publishing arm of the American Phytopathological Society, and a member of numerous research review panels for the U.S. Department of Agriculture.

"The effect is remarkable, and can range from increased plant growth to increased production of seed, flowers and fruit," Chun added. "The way CCF works, particularly at extremely low concentrations, is a fascinating biological puzzle that we are near resolving through our research efforts."

Tests so far have been conducted by the U.S. Department of Agriculture, Washington State University, Hawaii Agriculture Research Center, University of Hawaii, Oregon State University, Pennsylvania State University and several commercial growers.

Among the findings are the following:

-- Flowering plants such as roses, orchids and pikake -- a favorite for Hawaiian leis, produced more blossoms.

- The Vitamin C content of strawberries was 600 percent higher when they received applications of both CCF and TerraLife's flagship product, the all-natural fertilizer Save-a-Tree.

- Cabbages showed remarkable plant growth. They took 10 days less cropping time, the average weight almost doubled, and shelf life increased.

- Lettuces grew faster, and were more resistant to refrigerator freezing.

- Resistance to nematodes, a type of parasitic worm, increased in grapevines, strawberries, coffee, tomatoes and other vegetables.

- The number of pumpkins increased by as much as 33 percent and total yield, measured in pounds, increased as much as 44 percent.

- Fruit trees grew faster and were more resistant to frost.

Frost protection is one of the most exciting benefits of CCF, Zamzow believes. When CCF is applied to the trunks of fruit trees at dilutions of 1 part to 9,000 parts of water, it protects them for up to 45 minutes at 25 degrees.

"One or two degrees of protection for fruit trees can be the difference between losing and saving an entire crop," Zamzow said. "We think the frost protection comes because CCF causes the plants to create sugars, and the glucose acts like antifreeze in the cell tissues. This is a very preliminary conclusion, and we're continuing to study how CCF can improve plant growth in vegetable gardens and ornamental gardens as well as in fruit trees. We expect CCF to be extremely popular in organic gardening."

CCF is available at retail nurseries and garden centers or on the TerraLife Web site at www.save-a-tree.com. Wholesale orders can be placed through four major nursery distributors: L&L of Fremont, Calif.; Gard'n Wise of Salt Lake City; Jensen Distribution Services in Spokane, and United Pipe & Supply of Boise.

The retail price is \$29.95 for one-fourth ounce, with larger sizes available. Four drops of CCF is diluted with a gallon of water, and then sprayed on the crowns and trunks of plants.

Development of Dr. JimZ Secret Formula products, distributed by TerraLife, Inc., began four generations ago when the Zamzow family opened a feed mill near Boise and became interested in organic gardening principles.

Other products are Save-a-Tree fertilizer; Plant Wash, a blend of minerals and fatty acids that stimulates plant growth by cleaning the leaves; Plant-It fertilizer, a planting and transplanting mix that combines fertilizer, root starter and mycorrhizae; Bloom KaBoom!, which maintains flowers on blooming plants and fruit trees; Huma-Iron granular humate for lawns; and Foliar Calcium spray.

All products contain only natural ingredients and are safe for use around children, pets and fish. Save-a-Tree is the only non-leaching manufactured fertilizer in the world.



Additional information is available on the Internet at www.Save-a-Tree.com or by calling 1.866.855.9552. Individual orders may be placed online.

Product photo and other photos available upon request.

Release Summary:

An organic gardening product that triggers plant growth and provides frost protection to fruit trees now is available nationally.

Keyword Tags: frost damage, frost protection, fruit trees, organic gardening, plant growth



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