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Itronics GOLD'n GRO Liquid Fertilizer Produces Significant Increase in Size and Health of Hydrangeas

RENO, Nev., Nov. 17 /PRNewswire-FirstCall/ -- Itronics Inc. (OTC Bulletin Board: ITRO; Frankfurt and Berlin Stock Exchanges: ITG) reported today that Hydrangeas in a GOLD'n GRO fertilizer field trial conducted by its subsidiary, Itronics Metallurgical, Inc., grew to almost double the size of the check plants and matured to salable size in 30 percent less growing time. Hydrangeas are a shrubby plant prized for their large, showy cluster of white, blue or pink flowers.

"This trial used GOLD'n GRO 8-8-8 +4%S, a chelated liquid multinutrient fertilizer," said Dr. John Whitney, Itronics President. "This is the first large, wholesale nursery trial that used fertigation as the fertilization method that we have conducted and the results show the significant improvements that result from applying GOLD'n GRO chelated liquid multinutrient specialty fertilizer."

The Hydrangeas fertilized with GOLD'n GRO 8-8-8 +4%S approximately doubled in size compared to the check plants. Flowering lasted almost two weeks longer, and the plants grew to a salable size in about 30 percent less time. The grower stressed that the GOLD'n GRO fertilized plants produced larger, greener, and more frost resistant leaves and stems and larger, more colorful flowers.

Frost tolerance is of specific interest as the stem tissue of plants treated with GOLD'n GRO 8-8-8 +4%S is significantly harder and thicker than plants treated with dry fertilizers. Sturdier stems provide a much greater winter survival rate and general hardiness which is highly desirable in cold climate areas including northeastern U.S. where Hydrangeas are widely used in urban and suburban landscaping.

The test was conducted at a wholesale nursery in Rhode Island that grows Hydrangeas and other decorative plants in containers. The study utilized fertigation feeding of 7,000 containers of 2 and 3 year Hydrangea Nicco Blue, Lace Cap, Tardiva, Blue Billow and Charm. All of the Hydrangeas were fed equal amounts of GOLD'n GRO 8-8-8 +4%S with each day's watering from April 15 through October 28, one full week after the second hard frost. The comparison Hydrangeas in 1,500 containers were hand fertilized once with a dry, 9-month slow release fertilizer with a 14-14-14 analysis and were hand watered. The dry fertilizers used are recognized as industry standard. Equal amounts of nutrients were applied to both groups of Hydrangeas.

"The economics of applying GOLD'n GRO with fertigation are attractive," Dr. Whitney said. "The grower realized a 40 percent savings in product cost and an estimated 95 percent savings in labor cost to fertilize and water the plants compared to the use of the dry fertilizer. In addition the GOLD'n GRO produced superior looking, more salable plants."

About Itronics

Itronics, through its subsidiary, Itronics Metallurgical, Inc., is the only company in the world with a "Beneficial Use Photochemical, Silver, and Water Recycling" facility that extracts more than 99 percent of the silver and virtually all the other toxic heavy metals from used photoliquids and converts the resulting liquids into environmentally beneficial, chelated, multinutrient liquid fertilizer products sold under the GOLD'n GRO trademark, and 5 troy ounce, 0.999 pure, Silver Nevada Miner numismatic bars. The environmentally friendly liquid fertilizers can be used for lawns and houseplants, and are available, along with GOLD'n GRO liquid fertilizer injectors, at the Company's "e-store" catalog at <http://goldngro.com>. The popular Silver Nevada Miner bars are available at the Company's "e-store" catalog at <http://www.itromet.com>.

Headquartered in Reno, Nevada, Itronics Inc. is a "Creative Environmental Technology" company and a world leader in photochemical recycling. The Company also provides project planning and technical services to the mining industry and operates the global Internet Information Portal, <http://www.insidemetals.com>. Dr. John Whitney, Itronics President, was selected as Nevada's Inventor of the Year for 2000 and is a member of the Inventor's Hall of Fame at the University of Nevada, Reno. Itronics was one of five finalists for the 2001 Kirkpatrick Chemical Engineering Award, the most prestigious worldwide award in chemical engineering technologies. Itronics was awarded second place, Highly Commended in the Environmental Technology category, at the prestigious Institution of Chemical Engineers (IChemE) 2005 Worldwide Environmental Award ceremonies at the Royal Courts of Justice in London, England.

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these forward-looking statements to reflect actual results, changes in risks, uncertainties or assumptions underlying or affecting such statements, or for prospective events that may have a retroactive effect.)

Source: Itronics Inc.