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Itronics Now Producing Elemental Sulfur, a New Product

RENO, NV--(Marketwired - August 02, 2016) - Itronics Inc. (OTC PINK: ITRO), a growing and diversified fertilizer, silver, and minerals producer, today announced that its pilot scale FeLix, SuLix leaching system is now producing dry sulfur powder that can be used by the Company as an ingredient for liquid fertilizer manufacturing. Also, the silver concentrates have, for the first time, been measured to contain gold, palladium, and platinum recovered from the photographic liquid feed materials.

Pilot scale leaching has been underway since late fall 2015 to produce commercially saleable silver bullion from a mixture of its internally generated silver concentrates and e-scrap (ground up computer circuit boards). "Production of elemental sulfur by our new 'Green Tech' leaching technology is an exciting development for our investors," said Dr. John Whitney, Itronics President. "It improves the efficiency of our processes without a significant increase in cost and creates an opportunity to formulate new products. Also, the inclusion of measurable gold, palladium and platinum in our silver concentrates is a potential benefit to Itronics."

The new leaching technology is now producing four products: (1) silver concentrate, (2) a high iron content liquid ingredient for use in fertilizer, (3) a high sulfur content liquid ingredient for use in fertilizer and (4) dry sulfur powder.

About 75 out of each 100 pounds of the feed material to the leaching process is now being recovered for use as ingredients for the manufacture of GOLD'n GRO fertilizers. All of the silver in the leach process feed materials is retained in the concentrates being delivered to the refinery along with gold, palladium, and platinum. The new leaching technology has improved the productivity of the Company's refining furnaces by 10 times.

About Itronics

Headquartered in Reno, Nevada, Itronics Inc. is a "Creative Green Technology" Company which produces GOLD'n GRO specialty liquid fertilizers, silver bullion, and silver-bearing glass. It owns a large Iron Oxide Copper Gold (IOCG) mineral property (the Auric Fulstone Project) in the prolific Yerington Copper Mining District in northwestern Nevada that may also host significant silver, zinc, and lead mineral resources. The Company's goal is to achieve profitable green technology driven organic growth in specialty GOLD'n GRO fertilizers, silver, zinc, and minerals. The Company's technologies maximize the recovery and use of metals and minerals.

Through its subsidiary, Itronics Metallurgical, Inc., Itronics is the only company with a fully permitted "Beneficial Use Photochemical, Silver, and Water Recycling" plant in the United States that converts more than 99.5 of the spent photoliquids into pure silver, silver-bearing glass, and GOLD'n GRO liquid fertilizers. The Company is developing environmentally compatible waste processing and mining technology. Itronics has received numerous domestic and international awards that recognize its ability to successfully use chemical science and engineering to create and implement new environmentally clean recycling and fertilizer technologies.

The Company's environmentally friendly GOLD'n GRO liquid fertilizers, which are extensively used in agriculture, can be used for lawns and houseplants, and are available at the Company's "e-store" on Amazon.Com at: http://www.amazon.com/s/ref=bl_sr_lawn-garden?ie=UTF8&field-brandtextbin=GOLD%27n+GRO&node=2972638011

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