Bioceres and Arcadia Biosciences Receive Regulatory Approval for Stress-Tolerant Soybeans in Argentina Through Verdeca Joint Venture

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-- Approval Is World's First For a Stress Tolerance Trait In Soybeans --

ROSARIO, Argentina and DAVIS, Calif. (April 27, 2015) - Bioceres S.A. and Arcadia Biosciences, Inc. announced today that their soybean joint venture, Verdeca, has received the first regulatory approval of its HB4® stress tolerance trait in soybeans in Argentina. This is the world's first regulatory approval of an abiotic stress tolerance trait in soybeans, which Bioceres and Arcadia believe is an important initial step in pursuing additional regulatory approvals that Verdeca will seek in multiple geographies globally.

The National Advisory Commission on Agricultural Biotechnology (CONABIA), an FAO reference organization on the biosafety of genetically modified organisms, and the Biotechnology Directorate from the Ministry of Agriculture, Livestock and Fisheries of Argentina recently concluded that Verdeca's soybean containing the HB4 trait is as safe for the environment as conventional soybeans.

Field trial results have shown that Verdeca's HB4 soybeans produce stable and high yields under multiple stresses, including drought and low-water conditions. HB4 soybeans have undergone extensive testing, including six seasons of multi-location field trials in Argentina and the United States and two years of regulatory field trials. These field trial results demonstrate that the HB4 trait provides up to a 14 percent yield advantage under multiple stress conditions typically found in soybean production areas.

"We believe that the HB4 trait will help growers increase their yields under sub-optimal conditions, while preserving the maximum yield potential of the soybean crop," said Federico Trucco, CEO of Bioceres. "This trait is highly anticipated by our grower customers as well as commercial seed partners. Working through our Verdeca joint venture, the Bioceres and Arcadia teams generated extensive field data and applied for regulatory approval, while collaborating at the same time with multiple breeding partners in preparation for commercial launch. Our near-term goal is to continue to work closely with local and global regulatory agencies to pave the way for commercialization, and then make the trait as widely available as possible."

"Verdeca's HB4 soybeans can help farmers meet the growing global demand for soybeans by improving yield performance under environmental stresses common to agriculture, as well as those associated with climate change," said Eric Rey, president and CEO of Arcadia Biosciences. "Approval of the HB4 soybeans is unique for a company of our size in a major commodity crop, and is a major step forward to getting the trait into the hands of growers who need it."

Soybeans are the world's fourth-largest crop, grown on 110 million hectares worldwide. Global demand is projected to increase over the next decade as a result of population growth and the expanding middle class in highly populated countries such as India and China. South America is the world's largest exporter of soybeans to both developed and developing countries, and more than 45 percent of the world's soybeans are grown in Argentina and Brazil. Verdeca's HB4 soybeans were developed to give farmers an option to help increase productivity and meet increasing soybean demand.

About Bioceres
Bioceres is a fully integrated agricultural biotechnology company utilizing multiple technology platforms to develop and commercialize products that enhance crop productivity and expand feedstock applications. The company is owned by more than 250 of South America's largest growers. Bioceres is a major shareholder of INDEAR (Institute of Agricultural Biotechnology of Rosario) and Bioceres Semillas. For more information visit www.bioceres.com.ar.

About Arcadia Biosciences
Based in Davis, Calif., with additional facilities in Seattle, Wash. and Phoenix, Ariz., Arcadia Biosciences develops agricultural products that create added value for farmers while benefitting the environment and enhancing human health.

Arcadia’s agronomic performance traits, including Nitrogen Use Efficiency, Water Use Efficiency, Salinity Tolerance, Heat Tolerance and Herbicide Tolerance, are all aimed at making agricultural production more economically efficient and environmentally sound. Arcadia’s nutrition traits and products are aimed at creating healthier ingredients and whole foods with lower production costs. The company was recently listed in the Global Cleantech 100 and was previously named one of MIT Technology Review's 50 Smartest Companies. For more information, visit www.arcadiabio.com.

About Verdeca

Verdeca, a US-based joint venture between Bioceres and Arcadia Biosciences, develops and deregulates soybean varieties with next-generation agricultural technologies. Working in partnership with South American growers, Verdeca provides technologies that help increase crop productivity, making more efficient and sustainable use of land and water resources. For more information visit www.verdeca.com.