



## For Immediate Release

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### **Kreider Farms Announces Groundbreaking of Animal Waste Treatment Facility, the First-of-its-Kind in Pennsylvania**

***Multi-million dollar Cleantech facility will process dairy manure  
into environmentally friendly by-products***

**MANHEIM, Pa. – (November 16, 2010) – Kreider Farms**, one of Pennsylvania's largest dairy farms, announces the groundbreaking of a multi-million dollar livestock waste treatment system as part of a joint venture with **Bion Environmental Technologies, Inc.** Located at Kreider's Farm in Manheim, Pa., the Cleantech facility is the first of its kind in the state and is designed to treat and recycle manure from the Farms' 2,000 dairy cows in an eco-friendly manner. Bion's patented technology provides a solution to the pollution associated with livestock operations, eliminating most of the environmental impacts of animal waste, including excess nutrients, ammonia, phosphorus, and greenhouse gases.

"There are numerous ideas on how we should reduce environmental emissions, but few are cost-effective. Bion's system is the exception – it pulls out twice as many emissions as the cost of the nutrient credits," said Ron Kreider, president and CEO, and the family's third-generation leader of Kreider Farms.

**Honored guests at the November 10<sup>th</sup> groundbreaking ceremony** included **Pennsylvania State Senator Mike Brubaker**, **Pennsylvania Secretary of the Department of Agriculture Russell Reading**, and **Pennsylvania DEP Deputy Director John Hines**. All praised the project as a major breakthrough toward the future of sustainable agriculture and environmental stewardship. The facility is expected to be in operation by March, 2011. For more information on the project, please visit: [www.bionpa.com](http://www.bionpa.com).

Cleantech is approved by the Pennsylvania Department of Environmental Protection (PA DEP) to generate approximately 140 nutrient credits per milk cow's waste treated. These credits will be sold by Bion via [PA DEP's Nutrient Crediting Trading website](#). The nutrient trading approach improves water quality using a market system to produce nutrient reductions at lower costs. It is a voluntary program in which credits can be generated from a non-point source discharger, such as Kreider Farms, and sold to a point source discharger, such as municipal waste treatment plants. The trading approach is critical to the success of reducing nutrient loading into Pennsylvania's waterways and ultimately the Chesapeake Bay, because non-point sources contribute more than 50% of the nutrients into the Bay. Bion is the only company that has received nutrient credit approval for the installation of an on-site animal waste treatment system.

Winner of the U.S. Poultry & Egg Association's 2008 "Family Farm Environmental Excellence Award," Kreider Farms is comprised of 2,500 acres of farmland with five million egg-laying chickens, 2,000 cows, and a milk bottling and ice cream plant. In addition to fencing off a stream that runs through one of its cow pastures, the company processes and composts 50 tons of manure each day, reusing as fertilizer on its own farms and selling the rest of the composted product to other farms and fertilizer companies. Waste liquids are processed and piped into an aeration and evaporation pond, which produces a nutrient-rich and eco-friendly fertilizer. Kreider Farms also reduces diesel fuel usage by growing its own feed on-site as well as producing and bottling all of its milk in one location. The farm's livestock are free of rBST hormone supplements, and its milk is bottled using a "quick chill" method, locking in freshness.

## About Kreider Farms

Founded in 1935, Kreider Farms is one of Pennsylvania's largest dairy farms, supplying fresh, safe, high-quality eggs, milk, drinks and premium batch-churned ice cream. Headquartered in Manheim, Pa., this third-generation, family-owned and operated company includes more than 2,500 acres with 5 million egg-laying chickens, 2,000 cows, milk bottling and ice cream plants, and 225 employees. Kreider Farms' mission is to achieve excellence in delivering low-cost, high-quality products; to be good neighbors and stewards of the land; and to operate clean, efficient and state-of-the-art facilities. Kreider Farms offers farm tours as part of its effort to educate the public about sustainable farming. For more information, please visit [www.kreiderfarms.com](http://www.kreiderfarms.com)



From Left to Right: Pennsylvania DEP Deputy Director John Hines; Secretary of the PA Department of Agriculture Russell Reading; Bion COO Jeremy Rowland; President and CEO of Kreider Farms Ron Kreider; PA State Senator Mike Brubaker; PA State Representative Tom Creighton; Pennvest Executive Director Paul Marchetti.