

## **Kreider Farms Announces Waste Treatment and Renewable Energy Facility, the First-of-its-Kind in Pennsylvania**

*The multi- million dollar Cleantech facility will recycle dairy and poultry manure  
as well as generate electricity*

**MANHEIM, Pa. – (October 10, 2008) –** Kreider Farms, one of Pennsylvania’s largest dairy farms, has announced a joint venture with Bion Environmental Technologies, Inc., to build a multi-million dollar livestock waste treatment system at Kreider’s Farm in Manheim, Pa. The Cleantech facility will be the first of its kind in the state and is designed to dispose the dairy manure from the Farms’ 2,000 dairy cows and poultry facilities in an eco-friendly manner. Bion’s patented technology provides a solution to the pollution associated with large-scale livestock operations, largely eliminating the environmental impacts of concentrated animal waste, including excess nutrients, ammonia and greenhouse gases.

“Cleantech will also include an integrated renewable energy facility to make the waste treatment system environmentally sustainable. No fossil fuels will be needed to run the system,” said Ron Kreider, president and CEO, and the family’s third-generation leader of Kreider Farms. “This project is the next in a series of ‘green’ initiatives our farms are implementing. As one of the largest dairy producers in the Mid-Atlantic region, Kreider Farms strives to adopt forward-thinking strategies that set a new standard for sustainability in agriculture.”

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 livestock waste treatment system. In addition:

1. The plant will produce renewable energy by combusting the biomass in Kreider Farms’ dairy and poultry waste and emission streams.
2. Greenhouse gas emission credits will be earned by significantly reducing methane emissions during its livestock waste treatment process.
3. A stabilized nutrient rich fertilizer will be generated as a by-product of the dairy and poultry waste treatment process.

Winner of the U.S. Poultry & Egg Association’s 2008 “Family Farm Environmental Excellence Award,” Kreider Farms already implements several eco-friendly initiatives in its operations, which comprise 2,500 acres of farmland with 3.5 million egg-laying chickens, 2,000 cows and a milk bottling and ice cream plant. The company processes and composts 50 tons of manure each day, selling the composted product to 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 onsite as well as producing and bottling all of its milk in one location. The farm’s livestock are free of hormone supplements, and its milk is bottled using a “quick chill” method, locking in freshness. Additionally, a stream running through cow pastures on the farm has been fenced off to ensure no soiling of the water occurs, as it passes through the Chesapeake watershed on the way to the Chesapeake Bay.

### **About Kreider Farms**

Founded in 1935, Kreider Farms is one of Pennsylvania’s largest dairy farms, supplying fresh, 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 3.5 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).