

Broin Companies

Corporate HQ: Sioux Falls, South Dakota

Facility Location: Emmetsburg, Palo Alto County, Iowa

Description:

This Midwest-based company is an innovative corn dry mill technology provider and ethanol plant builder/owner. Their proposal will demonstrate the benefits of integrating an innovative corn waste to ethanol biochemical process into an existing dry corn mill infrastructure.

CEO or Equivalent: Jeff Broin

Participants: E. I. du Pont de Nemours and Company;
Novozymes North America, Inc.; National
Renewable Energy Laboratory

Production:

- 125 million gallons/year of ethanol, of which roughly 25 percent will be from lignocellulosics.
- Ethanol from lignocellulosic stream and ethanol, chemicals and animal feed from the dry-grind operation.

Technology & Feedstocks

- Integrating production of ethanol into a dry grind corn mill process
- Processing 842 tons/day of corn fiber, corn stover (cobs and stalks)

State of Readiness:

- Broin is building a demonstration plant in order to further develop integrated technologies with DuPont and Novozymes.
- Construction of fully integrated facility starts CY 2007; with a 30 month construction timeline.