What’s the Bottom Line?

Some grain companies and processors are offering incentives to growers who qualify under their HES contracting programs. For additional information on wet milling and these opportunities contact your local Pioneer sales professional or Tim Tierney, Business Manager, Wet Milling.

Tel: 515.334.7030
E-mail: Tim.Tierney@pioneer.com

Websites:
Corn Refiners Association
http://www.corn.org
WET MILLING INDUSTRY OVERVIEW
The wet milling industry, also known as the “corn refining industry” began over 150 years ago with the production of starch for the laundry business. The industry grew rapidly as new products such as corn sweeteners, corn oil and corn gluten feed were developed. Today, new product development and technical innovation are still driving industry growth.

Figure 2. 2002/03 U.S. Corn Food and Industrial Uses (Source: USDA, ERS, Feed Outlook, August 2002).

WET MILLING FACTS
- It is one of the largest uses of US corn....2.4 billion bushels, 17 million acres
- This process uses both chemical and physical methods of separating the components of the corn kernel.
- Extractable starch is the key measure of corn value, not just total starch.
- Waxy corn offers unique starch characteristics that are valued by food manufacturers and industrial users.

WET MILLING PROCESS:
Wet milling is the process of separating the corn kernel into starch, protein (gluten), germ and fiber in a watery medium.

Desirable corn grain characteristics for wet milling:
- Above average level of extractable starch
- Low levels of damage and molds/diseases
- Low levels of broken kernels
- Low foreign material
- Low temperature dried corn

FUTURE DEVELOPMENTS:
Pioneer...working to add value for growers and the corn wet milling industry
- Pioneer has the most aggressive wet milling hybrid breeding program in the industry to combine high yields / agronomics with the processing traits wet millers demand.
- Pioneer is investing in longer term trait concepts for the wet milling industry.
- Pioneer is working with U.S. wet millers and international customers to develop new markets for HES grain.