

## Distillers' Dried Grains with Solubles

### BIOREFINING PROCESS SOURCE

[Dry mill corn processing](#), [wet mill corn processing](#), [fermentation of 6-carbon sugars & starches](#)

### DESCRIPTION

Distillers' dried grains with solubles, or DDGS, is the residue from ethanol fermentation from corn, [wheat](#), [barley](#) or other grains, and retains most of the nutrient value of the feedstock. It is roughly 25 percent protein by weight. While most commonly used as cattle feed to supplement corn or soybean meal, DDGS is currently making inroads into the poultry and swine feed markets.

### PRICE

\$150/ton<sup>1</sup>

### MARKET SIZE

2.9 million tons/yr domestic<sup>2</sup>

### REFERENCES

<sup>1</sup> Drewry, George. 2003. "Distillers Marketing." Badger State Ethanol newsletter, Dec. 2003. Monroe, WI. <http://www.badgerstateethanol.com/Badger%20State%20Issue%202.pdf> (28 May 2004)

<sup>2</sup> "DDGS—General Info." University of Minnesota. <http://www.ddgs.umn.edu/general-info.htm> (28 May 2004)

Brown, Robert C. 2003. Biorenewable Resources Engineering New Products from Agriculture. Iowa State Press, Ames IA.