

# Winter Wheat

## DESCRIPTION

Winter wheat is grown throughout eastern Wisconsin.<sup>1</sup> Its major components are grain, which contains oils and proteins, and chaff and straw, which contain cellulose. In addition to the grain, there are [crop residues](#).

## CLASSIFICATION

Plant-based oils, plant-based proteins, starches and sugars, lignocellulosic biomass

## SOURCE INDUSTRY

Wheat farming. See the [Grains & Crops industry roadmap](#).

## ANNUAL VOLUME GENERATED IN WISCONSIN

316,200 tons (10.54 million bushels)<sup>1</sup>

## CURRENT APPLICATIONS

Human and animal consumption, livestock bedding, landscaping

## PRICE

\$83.33-\$166.67/ton (\$2.50-\$5 per bushel)<sup>2</sup>

## APPLICABLE BIOREFINING PROCESSES

[Fermentation of 6-carbon sugars and starches](#)

## REFERENCES

<sup>1</sup> Wisconsin Agricultural Statistics Service. 2003 Wisconsin Agricultural Statistics. [www.nass.usda.gov/wi/annbull/index.htm](http://www.nass.usda.gov/wi/annbull/index.htm) (8 April 2004)

<sup>2</sup> Anderson, K. Wheat prices may average \$3.30 next year. Southwest Farm Press, Jan. 1, 2004. [www.findarticles.com/cf\\_0/m0HEW/1\\_31/111899760/p1/article.jhtml](http://www.findarticles.com/cf_0/m0HEW/1_31/111899760/p1/article.jhtml) (8 April 2004)