

# Oats

## DESCRIPTION

The main components of oats are its grain and hull, as well as [crop residues](#).

## CLASSIFICATION

Starches and sugars, plant-based oils, plant-based proteins, lignocellulosic biomass

## SOURCE INDUSTRY

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

## ANNUAL VOLUME GENERATED IN WISCONSIN

240,000 tons (based on 15 million bushels at 32 lb/bushel)<sup>1</sup>

## CURRENT APPLICATIONS

Human and animal consumption, antioxidants, adhesives, extender compositions for plywood, lightweight concrete, explosives, construction board, filter aids, cellulose pulp<sup>2</sup>

## PRICE

\$100 per ton (\$1.60/bushel)<sup>3</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> Welch, Robert W. (ed.) 1995. The Oat Crop: production and utilization. Chapman & Hall, New York, NY.

<sup>3</sup> Wisconsin Soybean, Corn Price Up for Mid-March. 2004. Wisconsin Ag Connection, April 2. [www.wisconsinagconnection.com/story-state.cfm?ID=409&yr=2004](http://www.wisconsinagconnection.com/story-state.cfm?ID=409&yr=2004) (8 April 2004)