

Potatoes

DESCRIPTION

The tuber consists of starch, sugar, lignocellulosic biomass and water. The stalk consists of lignocellulosic biomass and sugar.

CLASSIFICATION

Starch and sugar, lignocellulosic biomass

SOURCE INDUSTRY

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

ANNUAL VOLUME GENERATED IN WISCONSIN

1.5 million tons¹

CURRENT APPLICATIONS

Human and animal consumption, starch production, alcohol production²

PRICE

\$140/ton (2002)

APPLICABLE BIOREFINING PROCESSES

[Fermentation of 6-carbon sugars and starches](#) , [fermentation of lignocellulosic biomass](#)

REFERENCES

¹ Wisconsin Agricultural Statistics Service. 2003 Wisconsin Agricultural Statistics. www.nass.usda.gov/wi/annbull/index.htm (8 April 2004)

² The NSF Potato Genome Project. www.potatogenome.org/nsf3/potato_biology/uses.php (8 April 2004)