

Crop Residues

DESCRIPTION

Crop residues are the parts of the crop that are traditionally not harvested or, if harvested, discarded before processing (unlike [pomace](#)).

CLASSIFICATION

Primarily lignocellulosic biomass

SOURCE INDUSTRY

[Grains & Crops](#)

ANNUAL VOLUME GENERATED IN WISCONSIN

Unknown. Not all crop residues are collected.

CURRENT APPLICATIONS

Straw for landscaping, bedding, antifungal applications

PRICE

At the high end, good straw can sell for \$100/ton, but in other application the collection and disposal of crop residues is a cost for farmers.

APPLICABLE BIOREFINING PROCESSES

[Aerobic digestion/composting](#), [anaerobic digestion](#), [biomass gasification](#), [combustion](#), [fast pyrolysis](#), [fermentation of lignocellulosic biomass](#), [fiber composites manufacturing](#), [thermochemical liquefaction](#)

REFERENCES

Undersander, Dan. "Buying and selling hay and straw." University of Wisconsin Extension. <http://www.uwex.edu/ces/ag/haybuying.html> (1 June 2004)

NCDOT- Inventory Adjustment for Grain Straw.

http://www.ncdot.org/it/projects/BSIP/scope/mm/GRAIN_STRAW_adjustment_620.doc (6 May 2004)