

## Scrap/Spoilage (Meat Packing)

### DESCRIPTION

Animal products (varying from meat to hide) with problems classifying them as condemnable, such as degenerative and dropsical conditions, infectious and inflammatory diseases, neoplasms, parasitic conditions and septic conditions

### CLASSIFICATION

Proteins; fats, grease and offal

### SOURCE INDUSTRY

Meat packing industry. See the [Meat Products industry roadmap](#).

### ANNUAL VOLUME GENERATED IN WISCONSIN

0.44 percent of all inspected livestock meat is condemned<sup>1</sup>

### CURRENT APPLICATIONS

Incinerated, composted, digested

### COST

Disposal costs vary by method and waste inputs

### APPLICABLE BIOREFINING PROCESSES

[Anaerobic digestion](#), [esterification/transesterification](#), [lipid extraction](#), [thermochemical liquefaction](#)

### REFERENCES

<sup>1</sup> Meat, Poultry, and Egg Products Inspection 1999 Report of the Secretary of Agriculture to the U.S. Congress. 2001. Food Safety and Inspection Service, U.S. Department of Agriculture. [www.fsis.usda.gov/OA/pubs/rtc99/rtc99chap4.htm#Tab4-8](http://www.fsis.usda.gov/OA/pubs/rtc99/rtc99chap4.htm#Tab4-8). (8 April 2004)

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National Renderer's Association. [www.renderers.org](http://www.renderers.org) (8 April 2004)

Administrative Code. Title 8: Agriculture And Animals, Chapter I: Department Of Agriculture, Part 125 Meat And Poultry Inspection Act, Section 125.120 Disposal Of Dead Animals And Poultry. 1997. [www.legis.state.il.us/commission/jcar/admincode/008/008001250A01200R.html](http://www.legis.state.il.us/commission/jcar/admincode/008/008001250A01200R.html). (8 April 2004)

American Veterinary Medical Association. The breakdown on biodigesters: Alternative for the disposal of TSE-infected animals, other animal waste gains popularity. April 1 2004. [www.avma.org/onlnews/javma/apr04/0404011.asp](http://www.avma.org/onlnews/javma/apr04/0404011.asp). (8 April 2004)

Wolff, Ivan A., (ed). 1982. CRC Handbook of Processing and Utilization in Agriculture. CRC Press, Boca Raton, FL.

### WISCONSIN BIOREFINING DEVELOPMENT INITIATIVE

[www.wisbiorefine.org](http://www.wisbiorefine.org)