

Livestock - Health Issues

Key Terms and Concepts:

Upon completion of this course, the student should be familiar with the following terms, concepts, and programs.

Health hazards from livestock confinement dust and gases

Toxic organic dust syndrome (TODS)

Occupational asthma

Bronchitis

Increased airways reactivity

Hydrogen sulfide intoxication

Antibiotic usage in animal production

Therapeutic usage

Metaphylactic usage

Prophylactic usage

Subtherapeutic usage

Antibiotic resistance development

Alternatives to subtherapeutic usage of antibiotics

Links:

Animal Production, Human and Food Safety - Federal Research and Regulatory Agencies:

Food Safety and Inspection Service (FSIS), USDA

<http://www.fsis.usda.gov/>

Agricultural Marketing Service (AMS)

<http://www.ams.usda.gov>

Center for Food Safety and Applied Nutrition (FDA)

<http://www.cfsan.fda.gov/list.html>

Food Safety Facts for Consumers, FDA /CFSAN

<http://www.cfsan.fda.gov/~dms/fs-eggs.html>

Grain Inspection, Packers and Stockyards Administration, USDA

[Click here for Website](#)

Occupational Safety and Health Administration, Department of Labor

<http://www.osha.gov/>

Animal Improvement Program Laboratory, ARS

<http://www.aipl.arsusda.gov/>

Animal Waste Management Unit, ARS, USDA

http://www.ars.usda.gov/Main/site_main.htm?modecode=64-45-00-00

National Antimicrobial Resistance Monitoring System, CDC

<http://www.cdc.gov/narms/>

Livestock Issues Research Unit, USDA/ ARS

http://www.depts.ttu.edu/liru_afs/

Center for Veterinary Medicine

www.fda.gov/cvm/default.html

Research Institutes and Civil Society Organizations - Use of antibiotics in animal production:

Alliance for Prudent Use of Antibiotics, Tufts University

http://www.tufts.edu/med/apua/About_us/about.html

Keep Antibiotics Working

<http://www.keepantibioticsworking.com/new/index.cfm>

Center for Science in Public Interest

<http://www.cspinet.org/ar/index.html>