

Description : 1ST HLG 06
 Farm Name : VALLEY WIDE DAIRY
 Received : 09/18/2006
 Complete : 09/20/2006

A N A L Y S I S R E S U L T S

Mold and Yeast counts are on an as-received basis

Mold Count < 100 col/gm

Yeast Count 100,000 col/gm

Feeding risks at various mold spore counts

Mold spore count per gram	Feeding risks and cautions

Air-dried	
Under 500,000 Relatively low count
.5 to 1 million Relatively safe
1 to 2 million Discount energy (x.95) Feed with caution
2 to 3 million Closely observe animals and performance
3 to 5 million Dilute with other feeds Discount enrgy (x.95)
Over 5 million Observe closely Discontinue feeding

Risks refer primarily to effects of mold without regard to possible mycotoxin content. Depressed digestibility, feed intakes, and performance may occur from a high mold content without mycotoxins present. Harmful mycotoxins may be present, even when there is little or no obvious mold content.

Mold spore counts sometimes may underestimate degree of mold present, especially in feeds that have been ensiled for some weeks. Observe and record relative amounts of mold present. Dry feeds such as grains, concentrates, and hay at a typical 85% to 95% dry matter content. Know the dry matter content before submitting samples and find out what basis counts are reported. Adjust as-received counts to a 90% dry matter or air-dried basis.

Table from Mold and Mycotoxin Problems in Livestock Feeding by Richard Adams et al, Pennsylvania State University, Dept. of Dairy and Animal Science. Publication DAS 93-21.