

MYCOTOXIN MANAGEMENT

Mycotoxin Quick Guide - Symptoms in Beef



Symptoms	Aflatoxins	Ochratoxins	Type B Trichothecenes	Type A Trichothecenes	Zearalenone Group	Fumonisin	Other <i>Penicillium</i> mycotoxins	Other <i>Aspergillus</i> mycotoxins	Ergot Alkaloids	Fusaric Acid*
Abortions					✓				✓	
Acute Hepatitis	✓									
Anemia	✓									
Anorexia	✓		✓	✓					✓	
Bloody Diarrhea				✓				✓		
Convulsions								✓	✓	
Dehydration		✓								
Delayed Sexual Maturity					✓					
Depression			✓	✓						✓
Diarrhea/Loose Feces			✓	✓			✓			
Digestive Disorders	✓		✓	✓		✓	✓			
Udder Edema					✓					✓
Enlarged Nipples/Udders or Mammary Glands					✓					✓
Enlarged Prepuce					✓					
Feed Refusal	✓	✓	✓	✓			✓			✓
Hyperestrogenic Syndrome					✓					
Impaired Thermoregulation									✓	
Increased Somatic Cell Counts	✓		✓	✓		✓		✓		
Increased Mortality	✓		✓	✓					✓	✓
Infertility			✓		✓				✓	
Internal Organs Hemorrhaging	✓	✓	✓	✓		✓				
Irregular Heats					✓					
Ketosis							✓			
Lameness	✓		✓	✓		✓			✓	✓
Lethargy		✓	✓	✓		✓				✓
Liver Damage	✓	✓	✓	✓		✓		✓		
Malformation of Embryo/Fetus			✓	✓	✓				✓	
Milk Contamination	✓				✓		✓			
Poor Antioxidant Status	✓		✓	✓			✓			
Prolapsed Vagina or Rectum					✓					
Pseudopregnancy					✓					
Reduced Milk Production	✓		✓	✓		✓	✓		✓	
Reduced Feed Efficiency	✓		✓	✓		✓			✓	✓
Reduced Feed Intake	✓		✓	✓		✓			✓	✓
Reduced Growth	✓		✓	✓		✓			✓	✓
Reduced Immunity	✓	✓	✓	✓		✓	✓	✓		✓
Reduced Reproductive Performance (males & females)	✓		✓	✓	✓				✓	
Reduced Testicular Size & Lower Libido					✓					
Reduction in Rumen Functions	✓		✓	✓			✓			
Skin Lesions			✓	✓	✓					
Stillborn Births			✓		✓					
Swelling of Female Reproductive Organs					✓					✓
Tremors								✓	✓	
Vomiting			✓	✓						✓

*The toxicity of Fusaric Acid is significantly enhanced when the feed is co-contaminated with the Type B Trichothecene, Deoxynivalenol (DON).

*Your cattle are your business.
Protecting them is ours.*