37+ Mycotoxin Quick Guide - Poultry

Symptoms	Aflatoxins	Ochratoxins	Trichothecenes B	Trichothecenes A	Zearalenone Group	Fumonisins	Other Penicillium	Other Aspergillus	Ergot Alkaloids
Anemia	<u>√</u>								
Bloody Diarrhea				✓				✓	
Dehydration		✓							
Delayed Sexual Maturity					✓				
Diarrhea			✓	✓			✓		
Digestive Disorders	√		✓	√		√	1		
Feathering Abnormality			✓	√					
Hyperestrogenic Syndrome					✓				
Impaired Thermoregulation									√
Increased Mortality	√	✓	✓	√					√
Increased Urine Production & Water		✓							
Intake		•							
Poor Fertility and Hatchability	✓		1	✓	✓				✓
nhomogeneous Flocks	✓	✓	✓	~					
Internal Organs Hemorraging	✓	✓	✓	✓		✓			
Kidney Damage		✓							
Lameness	✓		✓	✓		✓			 ✓
Liver Damage	✓	✓	✓	~		✓		✓	
Malformation of Embryo/Fetus			✓	~	✓				✓
Neural Disturbances						✓			
Oral Lesions			✓	√					
Poor Feathering	√		✓	✓					
Reduced Egg Production	√		✓	✓		1	✓		1
Reduced Egg Shell Quality, Blood &	1	✓	1	1		1			
Meat Spots, Creamy Yolk									
Reduced Feed Efficiency	✓	✓	✓	✓		√			✓
Reduced Feed Intake	✓	✓	1	✓		1			1
Reduced Growth	✓	✓	✓	✓		✓			✓
Reduced Immunity	√	✓	✓	✓		- ✓		✓	
Reduced Reproductive Performance	1		1	✓	✓				1
(males & females)	•		·	*	÷				•
Respiratory Difficulties		✓							
Skin Lesions			✓	✓					
Tremors								✓	✓



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