



Color	Appearance	Consequence	Toxin
<b>White</b>			
<i>Geotrichum</i>	Powdery white, as on the outside of Camembert cheese	Depressed Intake	No
<i>Rhizopus</i>	Appearance similar to Mucor	None	No
<i>Byssochlamys</i>	Fluffy, powdery white	Impaired rumen function	Patulin
<i>Mucorales</i>	Black points	Depressed intake	No
<b>White to Blue-Green</b>			
<i>Penicillium urticae</i>	Goes from white to powdery green when exposed to air (due to sporulation)	Depressed intake	Unknown toxin Neurotoxin
<i>P. Citrinin</i>		Kidney damage, poor performance, weight loss	
<i>P. roquefortii</i>	Deep blue spores, tends to dominate air-tight storage	High level of spores can cause severe respiratory problems	
<i>P. viridicatum</i>		Kidney damage in monogastrics, little effect on ruminants	Ochratoxin F4069b

# Common Spoilage Molds continued



Color	Appearance	Consequence	Toxin
<b>Red</b>			
<i>Fusarium</i>	Downy white at the beginning, red to purple colored after sporulation	Depressed Intake Diarrhea	Zearalenone (Oestrogenic) DON (vomitoxin)
<i>Monascus</i>	Blood red	Ruminal troubles	citrinin (rare)
<i>F. tricinctum</i>	White, fluffy, powdery through to red	Diarrhea, poor performance	Trichothecenes
<i>Giberella zeae</i>	Red-orange spores	Feed refusal, hemorrhaging, reproductive disorders. Mainly affects pigs.	Vomitoxin
<b>Blue/Grey</b>			
<i>Aspergillus fumigatus</i>	Diffuse	Abortion Pulmonary Mycosis (Farmer's Lung)	Unknown toxin Neurotoxin

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