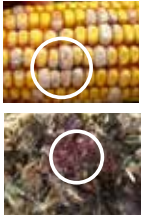

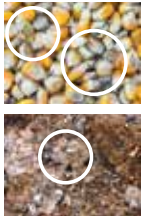



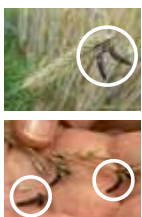



Mould and Fungus Identification Guide

Mould	Mould examples	Mould colour	Associated mycotoxins	Symptoms
Fusarium		 <p>Pink-white</p>	<ul style="list-style-type: none"> • Deoxynivalenol (DON/vomitoxin) • Nivalenol • Zearalenone • T-2 toxin • Fumonisin • Fusaric acid • DAS 	<ul style="list-style-type: none"> • Vulvovaginitis • Vulva prolapse • Embryo mortality • Cystic ovaries • Feed refusal • Lethargy • Poor conception rates • Interinal damage/hemorrhaging • Lower leg swelling • Reduced feed intake • Reduced milk/meat production rates
Aspergillus		 <p>Yellow-green</p>	<ul style="list-style-type: none"> • Aflatoxins • Ochratoxins • Cyclopiazonic acid 	<ul style="list-style-type: none"> • Reduced milk/meat production • Liver damage • Discarded milk • Immune suppression • Increased SCC
Penicillium		 <p>Green-blue</p>	<ul style="list-style-type: none"> • Ochratoxins • Citrinin • Penicillic acid • Mycophenolic acid 	<ul style="list-style-type: none"> • Reduced milk/meat production • Rumen function compromised • Reduced butterfat • Reduced fibre digestion • Variable dry matter intake • Acidosis-type symptoms • Immune suppression
Claviceps		 <p>Black ergot bodies</p>	<ul style="list-style-type: none"> • Ergocristine • Ergocryptine • Ergotamine • Ergocrytine • Ergocornine • Ergometrine 	<ul style="list-style-type: none"> • Abortions • Increased mortality • Infertility • Lameness • Reduced Feed Intake and Efficiency