

State 2011 Grain Grading Problems & Worksheet

<p>Sample #1</p> <p>Yellow Corn</p> <p>Blue Corn 3.38%</p> <p>Test Weight 52.59lbs</p> <p>Moisture 16.56%</p> <p>Green Foxtail Seed 0.35%</p> <p>Barley 2.68%</p> <p>Green Mungbean 0.89%</p> <p>Cob Rot Damaged Kernels 1.5%</p> <p>Germ Damaged 2.5%</p> <p>Pieces of Corn passing through sieve 1.75%</p> <p>Natural Odor</p>	<p>Test wt. _____ DKT _____</p> <p>Moisture _____ Heat Damage _____</p> <p>Odor _____ BC and FM _____</p> <p>_____</p> <p>_____</p>
<p>Sample #2</p> <p>Yellow Waxy Corn 96.56%</p> <p>White Flint Corn 3.44%</p> <p>Test Weight 55.0 lbs</p> <p>Moisture 16.78%</p> <p>Heat Damage Splits 2.5%</p> <p>Heat Damage Corn 0.35%</p> <p>Weevil 2</p> <p>Flax Seed 1.95%</p> <p>Natural Odor</p>	<p>Test wt. _____ DKT _____</p> <p>Moisture _____ Heat Damage _____</p> <p>Odor _____ BC and FM _____</p> <p>_____</p> <p>_____</p>
<p>Sample #3</p> <p>Yellow Corn</p> <p>White Corn 6.89%</p> <p>Test Weight 53.0 lbs</p> <p>Moisture 12.5%</p> <p>Heat Damage Corn 0.3%</p> <p>Corn Cobs on sieve 1.6%</p> <p>Sunflower seeds on sieve 1.5%</p> <p>2 Live Weevils</p> <p>1 Live Insect Injurious to Grain</p> <p>Weedy Odor</p>	<p>Test wt. _____ DKT _____</p> <p>Moisture _____ Heat Damage _____</p> <p>Odor _____ BC and FM _____</p> <p>_____</p> <p>_____</p>
<p>Sample #4</p> <p>Yellow Corn</p> <p>Red Streaked Corn(cover >50%) 5.67%</p> <p>Test Weight 55.0 lbs.</p> <p>Moisture 13.2%</p> <p>Heat Damage 0.3%</p> <p>Mold Damage Corn 1.3%</p> <p>Heat Damage Rye 0.87%</p> <p>Broken Corn Passing through sieve 2.35%</p> <p>Natural Odor</p>	<p>Test wt. _____ DKT _____</p> <p>Moisture _____ Heat Damage _____</p> <p>Odor _____ BC and FM _____</p> <p>_____</p> <p>_____</p>

<p>Sample #5 Soft Red Winter Wheat Test Weight 60 lbs Moisture 13.2% Dockage (in 1068g) 8.2g Heat Damage Corn 1.5% Moldly Kernels of Wheat 2.1% Ergot 0.05% Garlic Bulbs 1Green 7 Dry 31 Insect Damage Kernels 3 Unkown Forigen Substance 2 Crotalaria Seeds</p>	<p>Test wt. _____ DKT _____ Moisture _____ Heat Damage _____ Odor _____ FM _____ Shur& Brkn _____ Def _____ CC _____ WOC _____</p>
<p>Sample #6 Soft Red Winter Wheat Test Weight 56.0 lbs Moisture 12.5% Dockage (in 1010 g) 12.73 g Shrunken and Broken Kernels(In 30 grams) 1.05g Insect Damage Sunflower Seeds(In 30 grams) 0.15 g Heat Damage Wheat 0.2% Sprout Damage Wheat 3.6% Smutty Odor</p>	<p>Test wt. _____ DKT _____ Moisture _____ Heat Damage _____ Odor _____ FM _____ Shur & Brkn _____ Def _____ CC _____ WOC _____</p>
<p>Sample #7 Yellow Soybeans Black Soybeans 8.9% Test Weight 56.89 lbs Moisture 17.6% Splits 25.0% Dent Corn 1.5% Green Damaged Soybeans 2.8% Heat Damage Soybeans 0.6% 1 Live Weevil 5 Insect Injurious to Grain</p>	<p>Test wt. _____ DKT _____ Moisture _____ Heat Damage _____ Odor _____ FM _____ Splits _____ SOC _____ _____</p>
<p>Sample #8 Yellow Soybeans 75.59% Black Soybeans 12.205% Bi-Color Soybeans 12.205% Test Weight 56.0 lbs Moisture 16.08% Pieces of soybean that remains on top of a 8/64 inch sieve 9.5% Insect Bored Soybeans 1.0% Pink Molded Soybeans 1.6% Splits 21.67% Natural Odor</p>	<p>Test wt. _____ DKT _____ Moisture _____ Heat Damage _____ Odor _____ FM _____ Splits _____ SOC _____ _____</p>