

**Grain Grading Problems & Worksheet
2015 State Contest**

<p><u>Sample #5</u></p> <p>Yellow Soybeans Bi-Color Soybeans 11.15% Moisture 15.2% Test Weight (lb/bu) 55.00 Splits 7.5% Stink Bug Stung 2.0% Material thru 12/64 sieve 1.83% Natural Odor</p>	<p>Test wt _____ Heat damage _____</p> <p>Moisture _____ BCFM/FM _____</p> <p>DKT _____ Split/Defect _____</p> <p>Odor _____ Shru & Brkn _____</p> <p style="text-align: center;">_____</p>
<p><u>Sample #6</u></p> <p>Yellow Soybeans Test weight (lb/bu) 56.28 Pieces of soybean (<3/4 seed) 15.39% Moisture 14.99% Material thru 12/64 sieve 1.3% Sprout Damaged Splits 1.74% 4 Dry Garlic Bulbs 6 Rodent Pellets Ground Damage 1.77% Natural odor</p>	<p>Test wt _____ Heat damage _____</p> <p>Moisture _____ BCFM/FM _____</p> <p>DKT _____ Split/Defect _____</p> <p>Odor _____ Shru & Brkn _____</p> <p style="text-align: center;">_____</p>
<p><u>Sample #7</u></p> <p>Soft Red Winter Wheat Durum Wheat 2.0% Dockage (1000 grams) 59.80 Moisture 14.2% Test weight (lb/bu) 60.67 White Wheat 3.0% Shrunken & broken kernels 2.5% Sprout Damaged Spelt 1.2% 3 Smut Balls Natural odor</p>	<p>Test wt _____ Heat damage _____</p> <p>Moisture _____ BCFM/FM _____</p> <p>DKT _____ Split/Defect _____</p> <p>Odor _____ Shru & Brkn _____</p> <p style="text-align: center;">_____</p>
<p><u>Sample #8</u></p> <p>Soft Red Winter Wheat Dockage (1000 grams) 40.19 Moisture 14.31% Test weight (lb/bu) 61.0 Shrunken & broken kernels 4.4% Sprout Damaged Soybeans 2.5% 1 Rodent Pellet 1 Stone 3 Unknown Foreign Substance Smutty odor</p>	<p>Test wt _____ Heat damage _____</p> <p>Moisture _____ BCFM/FM _____</p> <p>DKT _____ Split/Defect _____</p> <p>Odor _____ Shru & Brkn _____</p> <p style="text-align: center;">_____</p>