

**Grain Grading Problems & Worksheet
2014 Area Contest**

<p><u>Sample #5</u></p> <p>Black Soybeans Material through 8/64" sieve 3.22% Moisture 16.07% Test Weight (lb/bu) 56.89 Pieces of soybean (<3/4 seed) 11.2% Frost damaged soybeans 1.8% Pink molded soybeans 2.1% 9 bird droppings 3 Unknown foreign substances 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>_____</p>
<p><u>Sample #6</u></p> <p>Yellow Soybeans Test weight (lb/bu) 56.00 Moisture 13.50% Sting bug damaged soybeans 4.0% Barley 0.26% Mold damaged soybeans 1.7% 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>_____</p>
<p><u>Sample #7</u></p> <p>Soft Red Winter Wheat Durum Wheat 2.9% Dockage (1000 grams) 52.10 Moisture 13.2% Test weight (lb/bu) 58.0 Shrunken & broken kernels 1.5% Ground damaged soybeans 2.3% 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>_____</p>
<p><u>Sample #8</u></p> <p>Soft Red Winter Wheat Dockage (1000 grams) 54.91 Moisture 12.71% Test weight (lb/bu) 60.0 Insect chewed wheat 3.8% Badly weather-damaged 2.03% Shrunken & broken kernels 4.62% 8 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>_____</p>