Grain Grading Problems & Worksheet 2017 State Contest

	17 014	ie contest
Sample #1		
Yellow Corn		Test wt Heat damage
Yellow Corn more than 50% red streake		
Test Weight (lb/bu)	58.3	Moisture BCFM/FM
Moisture 1	3.88%	
Material Thru 12/64" Sieve	3.51%	DKT Split/Defect
Decaying animal odor		DKT Split/Defect
Yellow Flint Corn	3.2%	
Heat Damaged Soybeans	3.9%	Odor Shru & Brkn
One Live Weevil	3.770	
5 Injurious Insects Live	E 220/	
Insect Damage	5.23%	
Sample #2		
Janipie #2		Tost wit Hoot damage
Vollow Corn		Test wt Heat damage
Yellow Corn	00.00/	
White Corn	99.0%	Moisture BCFM/FM
	2.76%	
Test Weight (lb/bu)	49	DKT Split/Defect
Heat Damage	1.0%	
Damaged by Heat Corn	1.34%	Odor Chris O Daler
Mold Damage	2.33%	Odor Shru & Brkn
1 Castor Bean		
Natural Odor		
. Tavara. Gas.		
Sample #3		
		Test wt Heat damage
White Corn		
Blue Corn	2.91%	Moisture BCFM/FM
Test Weight (lb/bu)	50.7	WOISTUIE DOI W/T W
Moisture	12%	DIT 0 111 12 15 15
Germ Damaged Wheat	2.4%	DKT Split/Defect
Material Thru 12/64" Sieve	0.9%	
		Odor Shru & Brkn
Waxy Dent Corn	10.8%	
2 Live Weevils		
Garlicky Odor		
Sample #4		
Campio II T		Test wt Heat damage
Vollow Corn		Test wt Heat damage
Yellow Corn	14.4004	
	14.43%	Moisture BCFM/FM
Test Weight (lb/bu)	56.61	
Material Thru 12/64" Sieve	4.3%	DKT Split/Defect
Sprout Damage	5.35%	
Pieces of Concrete too large to pass thro	ough	Odor Shru & Prkn
Sieve		Odor Shru & Brkn
4 Unknown Substances		
Heat Damage	1.2%	
Corn Cobs	3.24%	
Natural Odor	5.2170	
Natarai Odoi		

Grain Grading Problems & Worksheet 2017 State Contest

2017 State Contest					
Sample #5					
		Tost wt	Hoat damage		
V II 0 1		Test wt	_ Heat damage		
Yellow Soybeans					
Moisture	17%	Moisture	BCFM/FM		
Test Weight (lb/bu)	60.9	Worstane			
Frost Damaged Splits	3.2%	DKT	Split/Defect		
Black Soybeans	3.24%				
Sprout Damaged Soybeans	1.2%				
8 Dry Garlic Bulbs		Odor	_ Shru & Brkn		
3	2 40/				
Stalks	2.4%				
Sample #6					
Sample #0					
		Test wt	_ Heat damage		
Brown Soybeans	9.76%				
Bi-Colored Soybeans		Moisturo	DCENA/ENA		
<u> </u>	56.8	ivioisture	BCFM/FM		
Test weight (lb/bu)					
Moisture	16.5%	DKT	Split/Defect		
Material Thru 12/64" Sieve	1.23%	DK1	Spirit Defect		
Splits	20.5%				
•		Odor	_ Shru & Brkn		
Heat Damaged Splits	1.11%		_ 0111 4 4 511(11		
2 Crotalaria Seeds					
Natural Odor					
Hatarar odor					
Sample #7					
		T	I I a I I I a a a a a a		
-		Test wt	_ Heat damage		
Soft Red Winter Wheat		Test wt	_ Heat damage		
Soft Red Winter Wheat	4.37%				
Soft Red Winter Wheat White Wheat Sound	4.37% 61.21%		_ Heat damage		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu)	61.21%	Moisture	BCFM/FM		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams)	61.21% 25.6g	Moisture	BCFM/FM		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu)	61.21%	Moisture			
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture	61.21% 25.6g 14.3%	Moisture	BCFM/FM Split/Defect		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat	61.21% 25.6g 14.3% 1.43%	Moisture	BCFM/FM Split/Defect		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels	61.21% 25.6g 14.3% 1.43% 3.812%	Moisture	BCFM/FM		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat	61.21% 25.6g 14.3% 1.43%	Moisture	BCFM/FM Split/Defect		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels	61.21% 25.6g 14.3% 1.43% 3.812%	Moisture	BCFM/FM Split/Defect		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat	61.21% 25.6g 14.3% 1.43% 3.812%	Moisture	BCFM/FM Split/Defect		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor	61.21% 25.6g 14.3% 1.43% 3.812%	Moisture	BCFM/FM Split/Defect		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat	61.21% 25.6g 14.3% 1.43% 3.812%	Moisture DKT Odor	BCFM/FM Split/Defect Shru & Brkn		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8	61.21% 25.6g 14.3% 1.43% 3.812%	Moisture DKT Odor	BCFM/FM Split/Defect		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor	61.21% 25.6g 14.3% 1.43% 3.812%	Moisture DKT Odor	BCFM/FM Split/Defect Shru & Brkn		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8 Soft Red Winter Wheat	61.21% 25.6g 14.3% 1.43% 3.812% 0.39%	Moisture DKT Odor Test wt	BCFM/FM Split/Defect Shru & Brkn Heat damage		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8 Soft Red Winter Wheat Dockage (1000 grams)	61.21% 25.6g 14.3% 1.43% 3.812% 0.39%	Moisture DKT Odor Test wt	BCFM/FM Split/Defect Shru & Brkn		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8 Soft Red Winter Wheat Dockage (1000 grams) Moisture	61.21% 25.6g 14.3% 1.43% 3.812% 0.39% 60.3g 14.22%	Moisture DKT Odor Test wt	BCFM/FM Split/Defect Shru & Brkn Heat damage		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8 Soft Red Winter Wheat Dockage (1000 grams) Moisture Test weight (lb/bu)	61.21% 25.6g 14.3% 1.43% 3.812% 0.39% 60.3g 14.22% 60.3	Moisture DKT Odor Test wt Moisture	BCFM/FM Split/Defect Shru & Brkn Heat damage BCFM/FM		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8 Soft Red Winter Wheat Dockage (1000 grams) Moisture Test weight (lb/bu)	61.21% 25.6g 14.3% 1.43% 3.812% 0.39% 60.3g 14.22%	Moisture DKT Odor Test wt Moisture	BCFM/FM Split/Defect Shru & Brkn Heat damage		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8 Soft Red Winter Wheat Dockage (1000 grams) Moisture Test weight (lb/bu) Heat Damaged Rye	61.21% 25.6g 14.3% 1.43% 3.812% 0.39% 60.3g 14.22% 60.3 0.94%	Moisture DKT Odor Test wt Moisture DKT	BCFM/FM Split/Defect Shru & Brkn Heat damage BCFM/FM Split/Defect		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8 Soft Red Winter Wheat Dockage (1000 grams) Moisture Test weight (lb/bu) Heat Damaged Rye Shrunken and Broken Kernels	61.21% 25.6g 14.3% 1.43% 3.812% 0.39% 60.3g 14.22% 60.3 0.94% 3.27%	Moisture DKT Odor Test wt Moisture DKT	BCFM/FM Split/Defect Shru & Brkn Heat damage BCFM/FM Split/Defect		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8 Soft Red Winter Wheat Dockage (1000 grams) Moisture Test weight (lb/bu) Heat Damaged Rye Shrunken and Broken Kernels Material Thru 12/64" Sieve For. Mat.	61.21% 25.6g 14.3% 1.43% 3.812% 0.39% 60.3g 14.22% 60.3 0.94%	Moisture DKT Odor Test wt Moisture DKT	BCFM/FM Split/Defect Shru & Brkn Heat damage BCFM/FM		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8 Soft Red Winter Wheat Dockage (1000 grams) Moisture Test weight (lb/bu) Heat Damaged Rye Shrunken and Broken Kernels	61.21% 25.6g 14.3% 1.43% 3.812% 0.39% 60.3g 14.22% 60.3 0.94% 3.27%	Moisture DKT Odor Test wt Moisture DKT	BCFM/FM Split/Defect Shru & Brkn Heat damage BCFM/FM Split/Defect		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8 Soft Red Winter Wheat Dockage (1000 grams) Moisture Test weight (lb/bu) Heat Damaged Rye Shrunken and Broken Kernels Material Thru 12/64" Sieve For. Mat. 33 Smut Balls	61.21% 25.6g 14.3% 1.43% 3.812% 0.39% 60.3g 14.22% 60.3 0.94% 3.27%	Moisture DKT Odor Test wt Moisture DKT	BCFM/FM Split/Defect Shru & Brkn Heat damage BCFM/FM Split/Defect		
Soft Red Winter Wheat White Wheat Sound Test weight (lb/bu) Dockage (1000 grams) Moisture Durum Wheat Shrunken and Broken Kernels Sprout Damaged White Wheat Natural Odor Sample #8 Soft Red Winter Wheat Dockage (1000 grams) Moisture Test weight (lb/bu) Heat Damaged Rye Shrunken and Broken Kernels Material Thru 12/64" Sieve For. Mat.	61.21% 25.6g 14.3% 1.43% 3.812% 0.39% 60.3g 14.22% 60.3 0.94% 3.27%	Moisture DKT Odor Test wt Moisture DKT	BCFM/FM Split/Defect Shru & Brkn Heat damage BCFM/FM Split/Defect		