



2017 PACIFIC NORTHWEST CROP QUALITY REPORT

WEEK 1: July 27, 2017

Please remember that this data are based on a small number of samples.

The 2017 Pacific Northwest wheat harvest has begun. For the first week report, we received a total of 43 samples.

Of the 43 wheat samples, 37 were soft white (SWH) and 6 were hard red winter (HRW).

Please take extreme caution in any extrapolation of these data since the sample numbers are limited.

29 samples (67%) came from District 4 (North Central Oregon), 10 (23%) came from District 11 (Northern Idaho), and 4 (9%) came from District 5 (Northeastern Oregon).

USDA Economic Statistics Districts (Table 1) showed the following: Test weights for SWH ranged from 59.6 to 63.5 lb/bu (78.4 to 83.5 kg/hl) and dockage ranged from 0.2% to 0.5%. Wheat moisture contents ranged from 8.0 to 9.1%. Average SWH wheat protein content (12% mb) was 10.1% this week. SWH falling number average value (14% mb) was 317 seconds. For the small number of HRW samples received for the first week, good FGIS grading factors, low moisture content at 8.4%, good protein content (12% mb) at 11.8%, and sound and similar wheat quality compared to last year's averages. No WHCB and HRS samples were received on the first week.

We will continue to report the six PNW Production Zones (Table 2): Northwest (NW), Southwest (SW), North Central (NC), Central (C), Northeast (NE), and Southeast (SE). The Zones are based on country elevator locations and climatic conditions. This week samples came from Zone C (77%) and Zone NE (23%).

Although the average SWH protein (12% mb) was 10.1%, the lowest was 7.1% and the highest was 13.3%.

Please remember that this data are based on a small number of samples.



BY USDA ECONOMIC STATISTICS DISTRICTS

Table 1

2017 CROP WEEK 1, July 27, 2017																				
			Grading Data									Quality Data								
Class	District	Number of Samples	Test Weight (lb/bu)	Test Weight (kg/ht)	Dockage (%)	Heat Damage (%)	Total Damage (%)	Foreign Material (%)	Shrunk & Broken (%)	Total Defects (%)	Moisture (%)	Protein (% 12% mb)			Falling Number (s, 14%mb)	Thousand Kernel Weight (g, 14% mb)	Kernel Hardness (-20 to 120)	Kernel Size (mm)	Ash (% 14% mb)	Wet Gluten (% 14% mb)
												Average	Low	High						
SWH	4	25	60.5	79.6	0.4	0.0	0.0	0.0	0.5	0.5	9.1	10.2	7.5	12.2	307	34.6	32.3	2.76	1.27	24.3
SWH	5	4	59.6	78.4	0.5	0.0	0.0	1.3	1.0	2.3	8.0	10.3	7.1	13.3	289	34.5	35.2	2.76	1.47	20.2
SWH	11	8	63.5	83.5	0.2	0.0	0.0	0.0	0.4	0.4	8.6	10.0	8.5	11.4	365	39.6	33.6	2.91	1.45	24.3
	Crop Year Average																			
SWH	2017	37	61.1	80.3	0.4	0.0	0.0	0.2	0.5	0.7	8.8	10.1			317	35.7	32.9	2.79	1.33	23.9
SWH	2016	402	60.8	80.0	0.6	0.0	0.1	0.0	0.6	0.6	9.8	10.1			314	36.3	31.1	2.75	1.28	22.1
HRW	4	4	61.2	80.5	0.3	0.0	0.0	0.0	1.4	1.4	8.3	12.3	11.4	13.3	383	33.0	73.9	2.78	1.29	26.2
HRW	11	2	63.1	82.9	0.2	0.0	0.0	0.0	0.5	0.5	8.5	10.9	10.5	11.3	443	32.5	76.5	2.80	1.46	22.5
	Crop Year Average																			
HRW	2017	6	61.8	81.3	0.2	0.0	0.0	0.0	1.1	1.1	8.4	11.8			403	32.8	74.8	2.78	1.35	25.0
HRW	2016	69	61.8	81.3	0.6	0.0	0.0	0.0	0.7	0.7	9.1	11.4			366	34.5	68.8	2.78	1.38	24.1



BY PRODUCTION ZONES

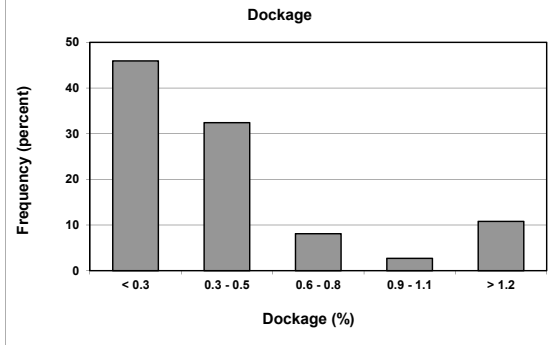
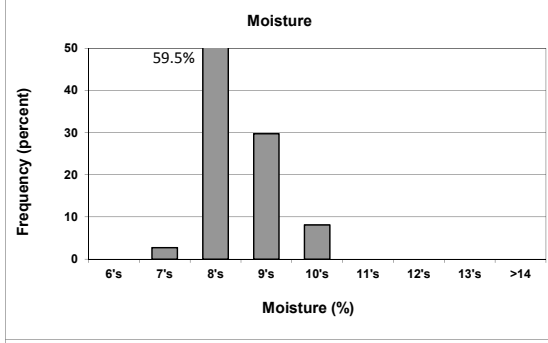
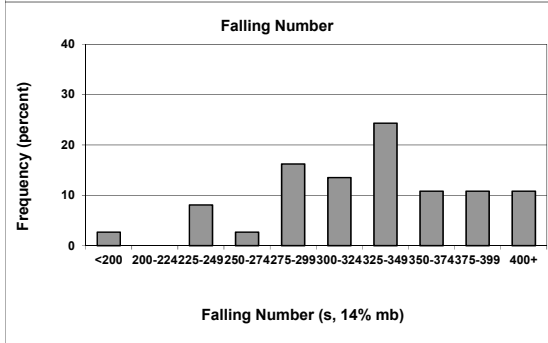
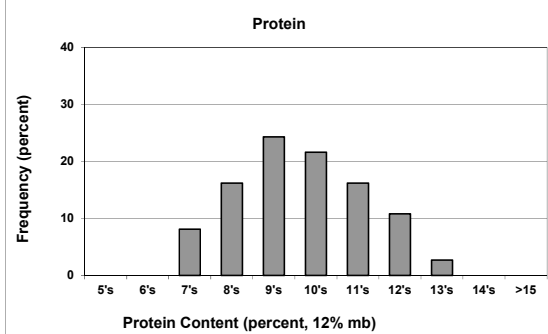
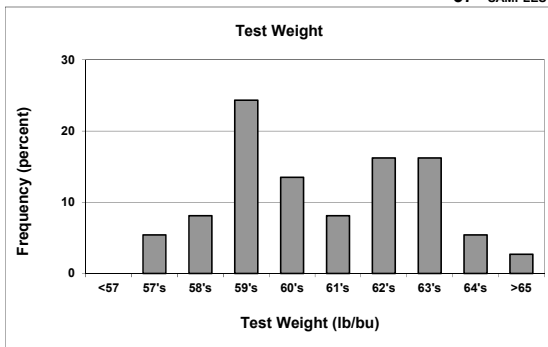
Table 2

2017 CROP WEEK 1, July 27, 2017																				
		Grading Data										Quality Data								
Class	District	Number of Samples	Test Weight (lb/bu)	Test Weight (kg/hl)	Dockage (%)	Heat Damage (%)	Total Damage (%)	Foreign Material (%)	Shrunk & Broken (%)	Total Defects (%)	Moisture (%)	Protein (% 12% mb)			Falling Number (s, 14%mb)	Thousand Kernel Weight (g, 14% mb)	Kernel Hardness (-20 to 120)	Kernel Size (mm)	Ash (% 14% mb)	Wet Gluten (% 14% mb)
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SWH	NE	8	63.5	83.5	0.2	0.0	0.0	0.0	0.4	0.4	8.6	10.0	8.5	11.4	365	39.6	33.6	2.91	1.45	24.3
SWH	C	29	60.4	79.5	0.4	0.0	0.0	0.2	0.6	0.8	8.9	10.2	7.1	13.3	304	34.6	32.7	2.76	1.30	23.7
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Distributions

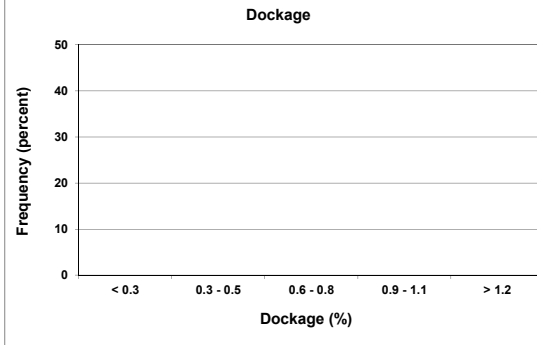
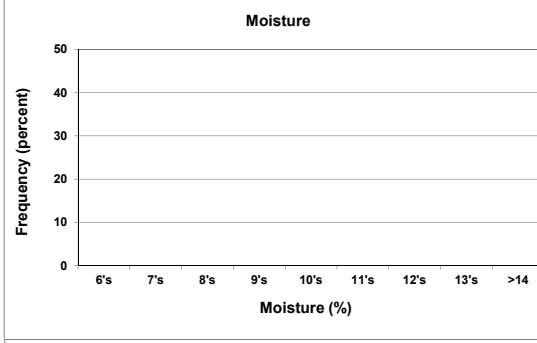
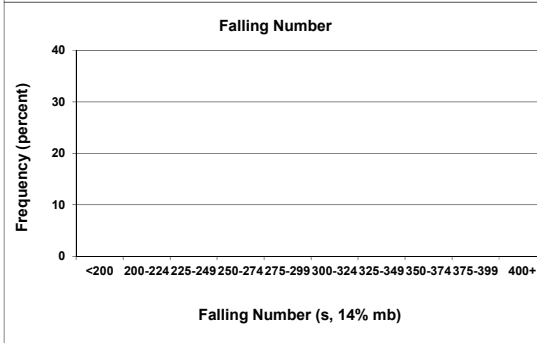
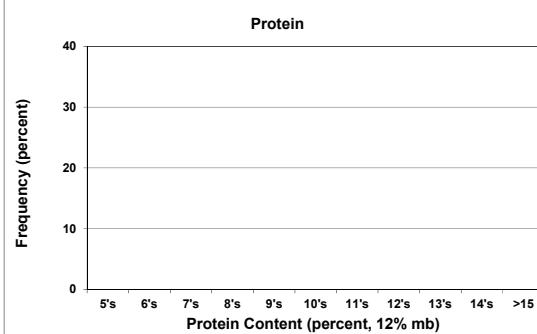
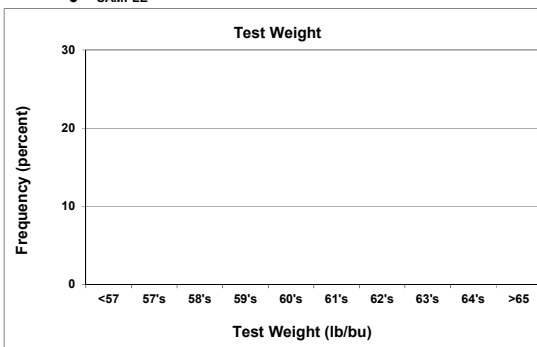
SOFT WHITE WHEAT

37 SAMPLES



WHITE CLUB WHEAT

0 SAMPLE

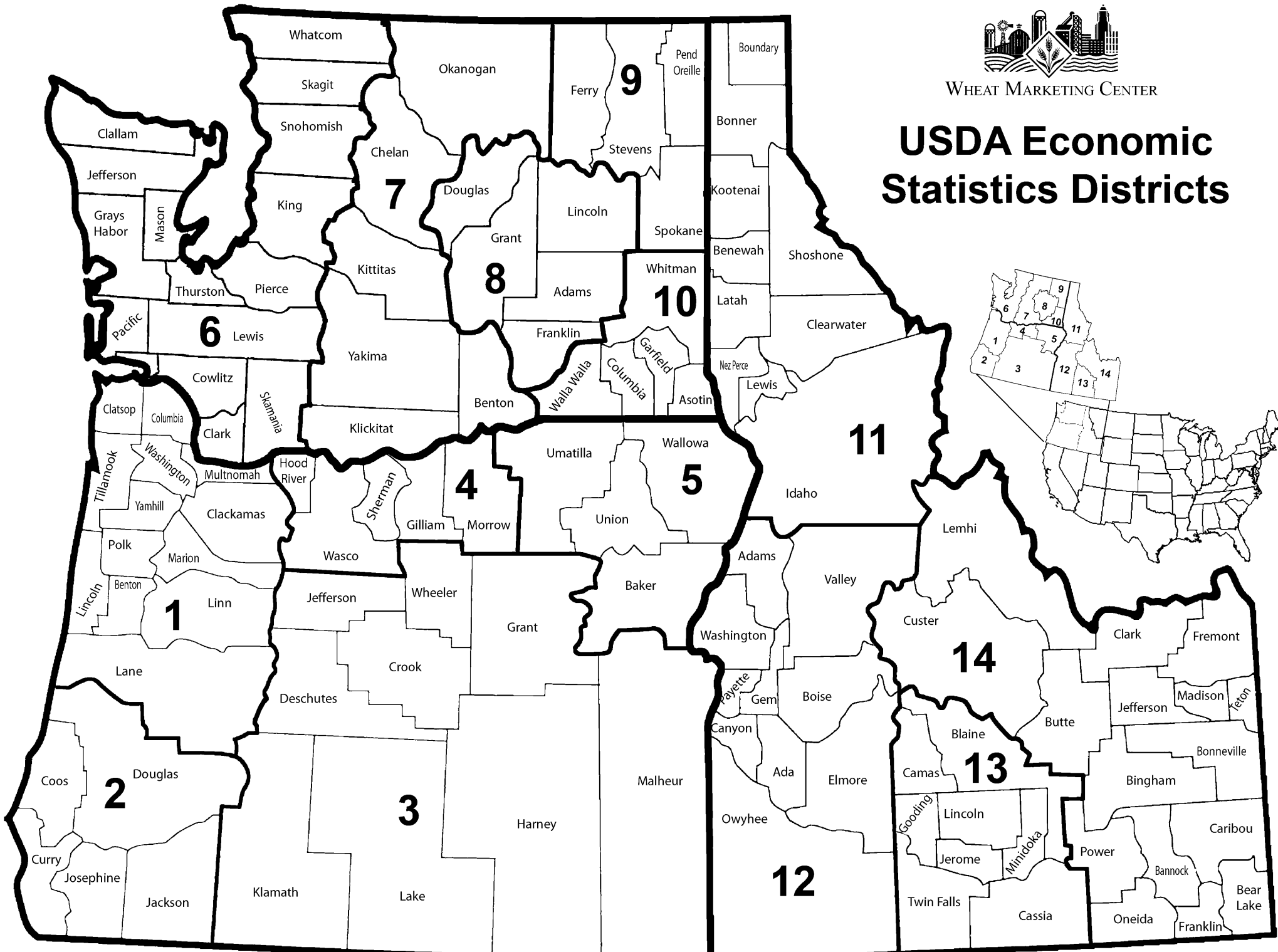


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WHEAT MARKETING CENTER

USDA Economic Statistics Districts





WHEAT MARKETING CENTER

Pacific Northwest Wheat Production Zones

