



2019 PACIFIC NORTHWEST CROP QUALITY REPORT

WEEK 1: August 1, 2019

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

The 2019 Pacific Northwest wheat harvest has begun. For the first week report, we received 13 samples.

Of the 13 wheat samples, 11 were soft white (SWH) and two were hard red winter (HRW).

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

Ten samples (77%) came from District 4 (North Central Oregon) and three (23%) came from District 5 (Northeastern Oregon).

USDA Economic Statistics Districts (Table 1) data showed the following:

Test weights for SWH were 61.4 and 60.2 lb/bu (80.7 and 79.2 kg/hl) and dockages were 0.4% and 0.2%. Wheat moisture contents were 10.9 and 10.1%. Average SWH wheat protein content (12% mb) was 10.5% this week. SWH falling number average value (14% mb) was 315 seconds. There was no WHCB or HRS sample received for the first week. Since there were only two HRW samples, no comment will be reported for 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. All of this week's samples came from Zone C.

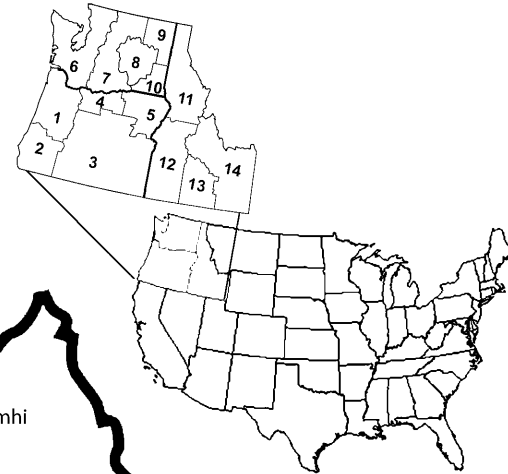
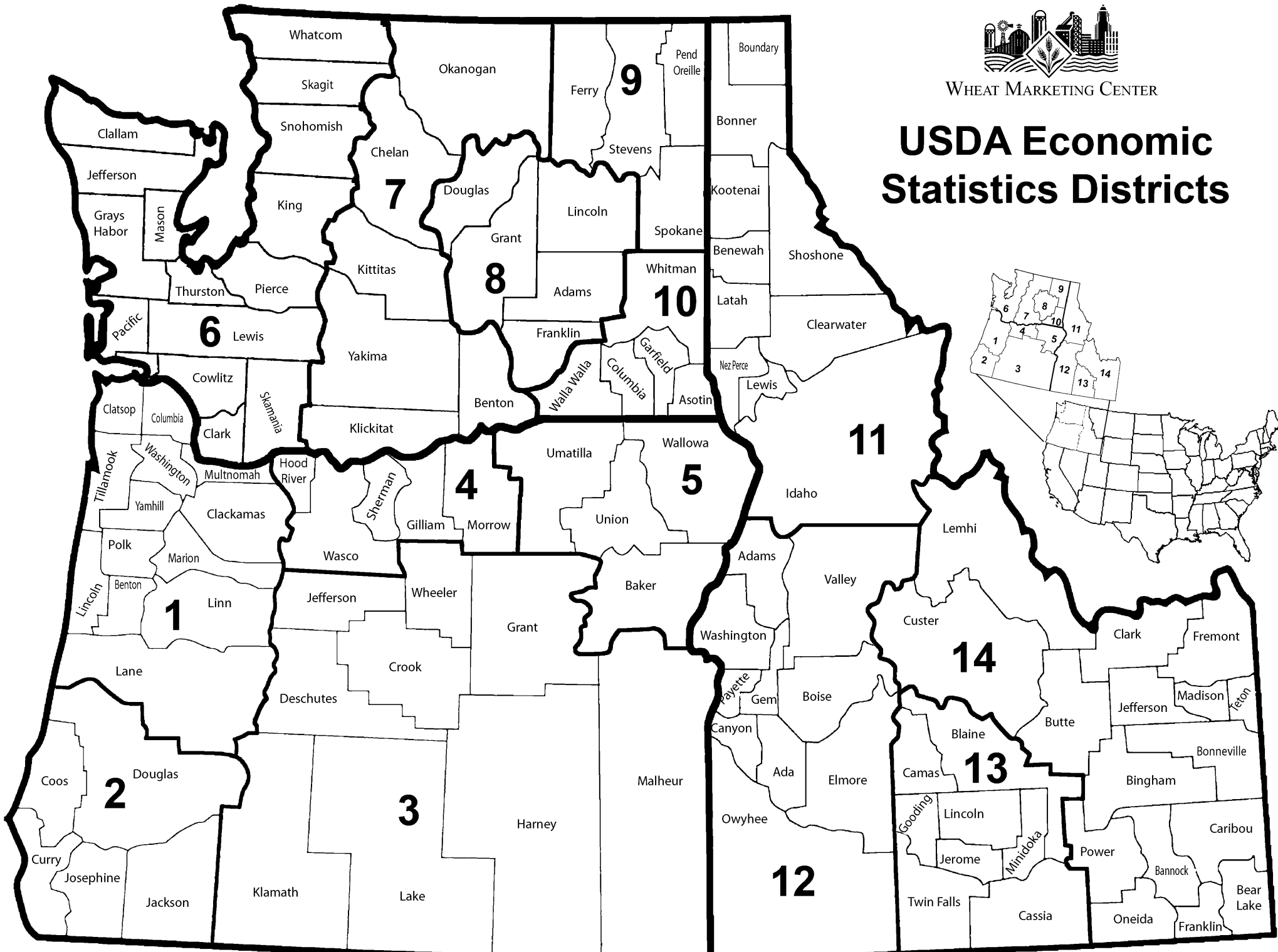
The average SWH protein (12% mb) was 10.5%, the lowest was 9.7% and the highest was 11.7%.

Please remember that this data is based on a small number of samples from one zone.



WHEAT MARKETING CENTER

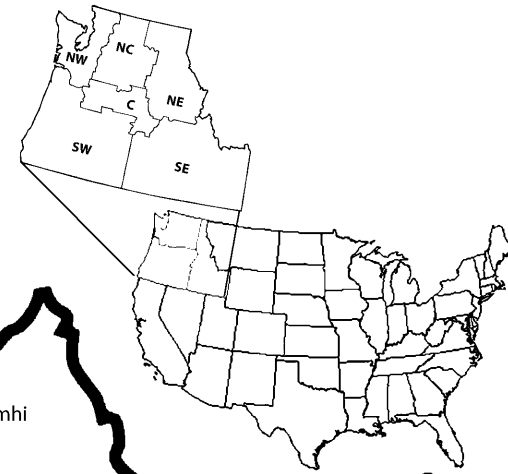
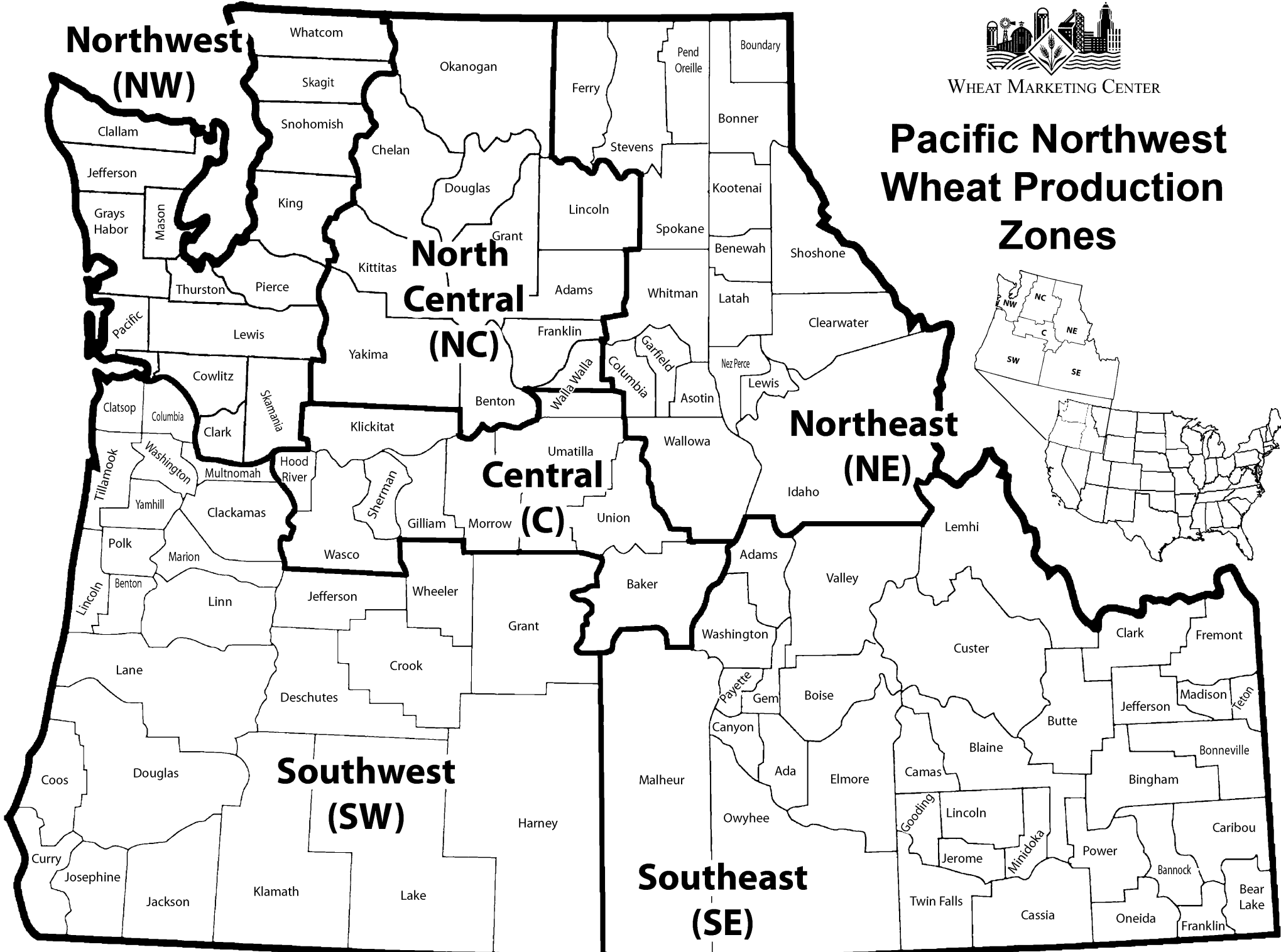
USDA Economic Statistics Districts





WHEAT MARKETING CENTER

Pacific Northwest Wheat Production Zones





BY USDA ECONOMIC STATISTICS DISTRICTS

Table 1

2019 CROP WEEK 1 August 1, 2019																				
Class	District	Number of Samples	Grading Data								Quality Data									
			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)
												Average	Low	High						
SWH	4	8	61.4	80.7	0.4	0.0	0.0	0.0	0.3	0.4	10.9	10.6	9.7	11.7	312	36.5	19.2	2.73	1.33	26.3
SWH	5	3	60.2	79.2	0.2	0.0	0.0	0.1	0.4	0.5	10.1	10.4	10.2	10.7	323	35.5	24.1	2.75	1.48	24.9
	Crop Year Average																			
SWH	2019	11	61.1	80.3	0.4	0.0	0.0	0.0	0.3	0.4	10.7	10.5			315	36.2	20.6	2.73	1.37	26.0
SWH	2018	473	61.7	80.9	0.5	0.0	0.0	0.0	0.5	0.6	8.6	9.3			315	35.7	27.2	2.77	1.36	20.6
HRW	4	2	60.9	80.1	1.0	0.0	0.0	0.1	0.4	0.4	9.4	10.5	8.4	12.6	292	30.2	61.6	2.65	1.36	23.6
	Crop Year Average																			
HRW	2019	2	60.9	80.1	1.0	0.0	0.0	0.1	0.4	0.4	9.4	10.5			292	30.2	61.6	2.65	1.36	23.6
HRW	2018	112	62.9	82.7	0.3	0.0	0.0	0.0	0.5	0.5	8.3	11.1			365	36.7	65.3	2.92	1.38	25.1



BY PRODUCTION ZONES

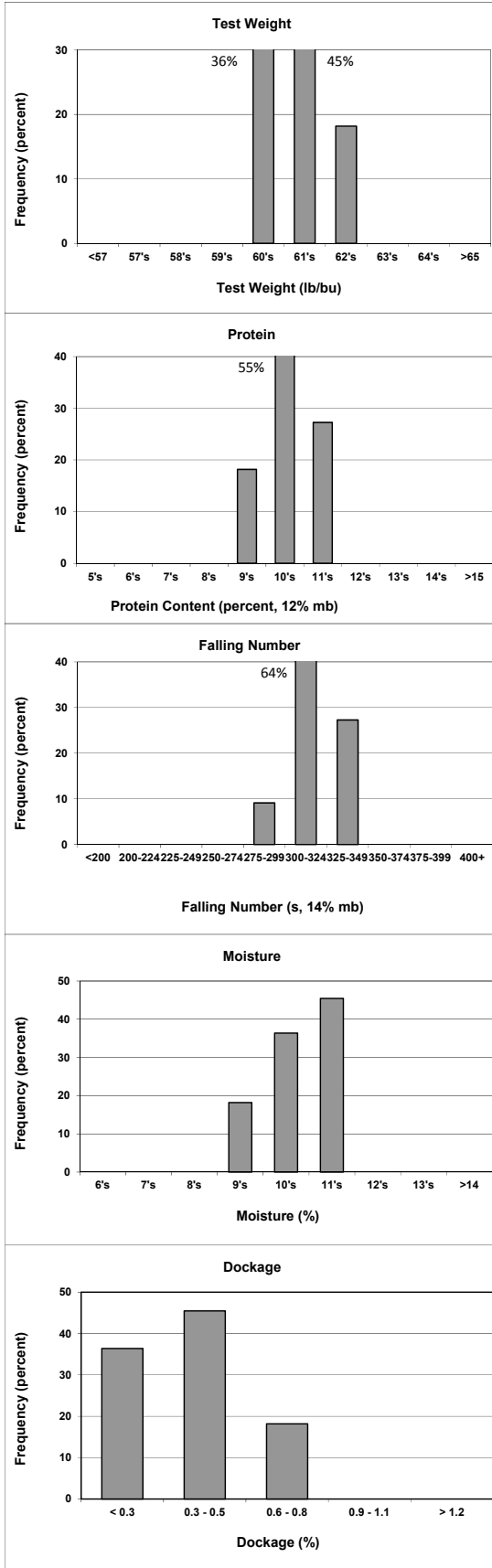
Table 2

2019 CROP WEEK 1 August 1, 2019																					
Class	District	Number of Samples	Grading Data									Quality Data									
			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)	
			Average	Low	High																
SWH	C	11	61.1	80.3	0.4	0.0	0.0	0.0	0.0	0.3	0.4	10.7	10.5	9.7	11.7	315	36.2	20.6	2.73	1.37	26.0
	Crop Year Average																				
SWH	2019	11	61.1	80.3	0.4	0.0	0.0	0.0	0.0	0.3	0.4	10.7	10.5			315	36.2	20.6	2.73	1.37	26.0
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HRW	C	2	60.9	80.1	1.0	0.0	0.0	0.1	0.4	0.4	9.4	10.5	8.4	12.6	292	30.2	61.6	2.65	1.36	23.6	
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Distributions

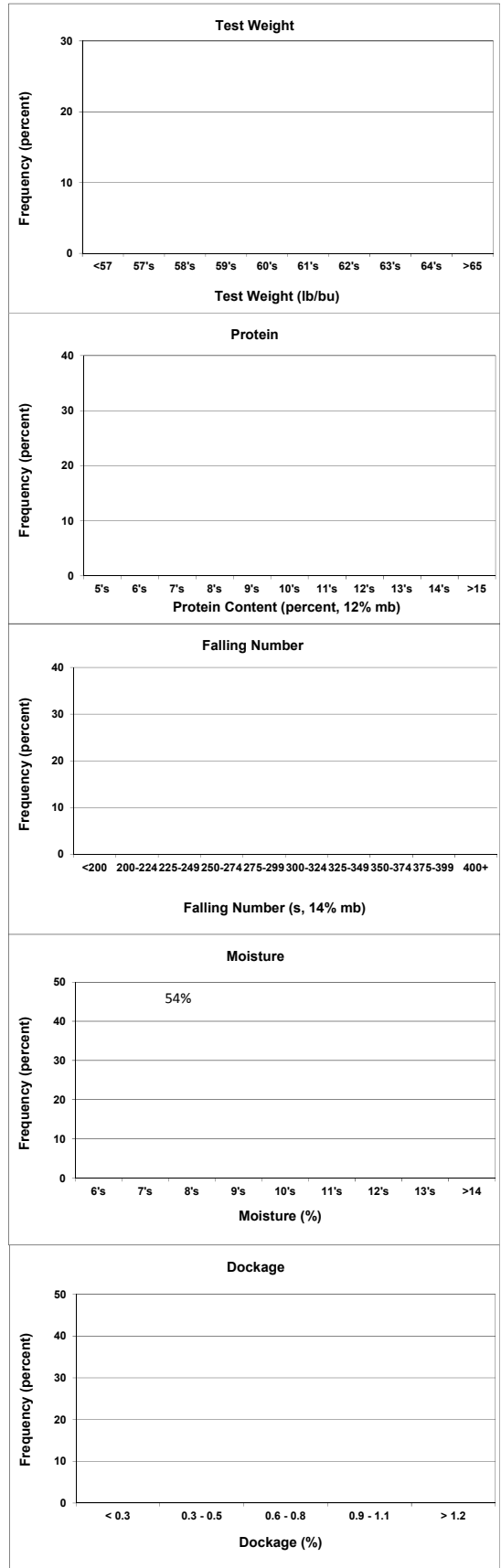
SOFT WHITE WHEAT

11 SAMPLES



WHITE CLUB WHEAT

0 SAMPLE



Prepared by: Wheat Marketing Center, Portland, Oregon