



2021 PACIFIC NORTHWEST CROP QUALITY REPORT

WEEK 1: July 22, 2021

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

The 2021 Pacific Northwest wheat harvest has begun. For the first week's report, we received 42 samples.

Of the 42 wheat samples, 34 were soft white (SWH), 2 were white club (WHCB), 4 were hard red winter (HRW), and 2 were hard red spring (HRS).

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

12 samples (29%) came from District 4 (North Central Oregon), 11 (26%) came from District 8 (East Central Washington), 6 (14%) came from District 5 (Northeastern Oregon), 5 (12%) each came from Districts 10 (Southeastern Washington) and 11 (Northern Idaho), and 3 (7%) came from Districts 6\7 (Western Washington).

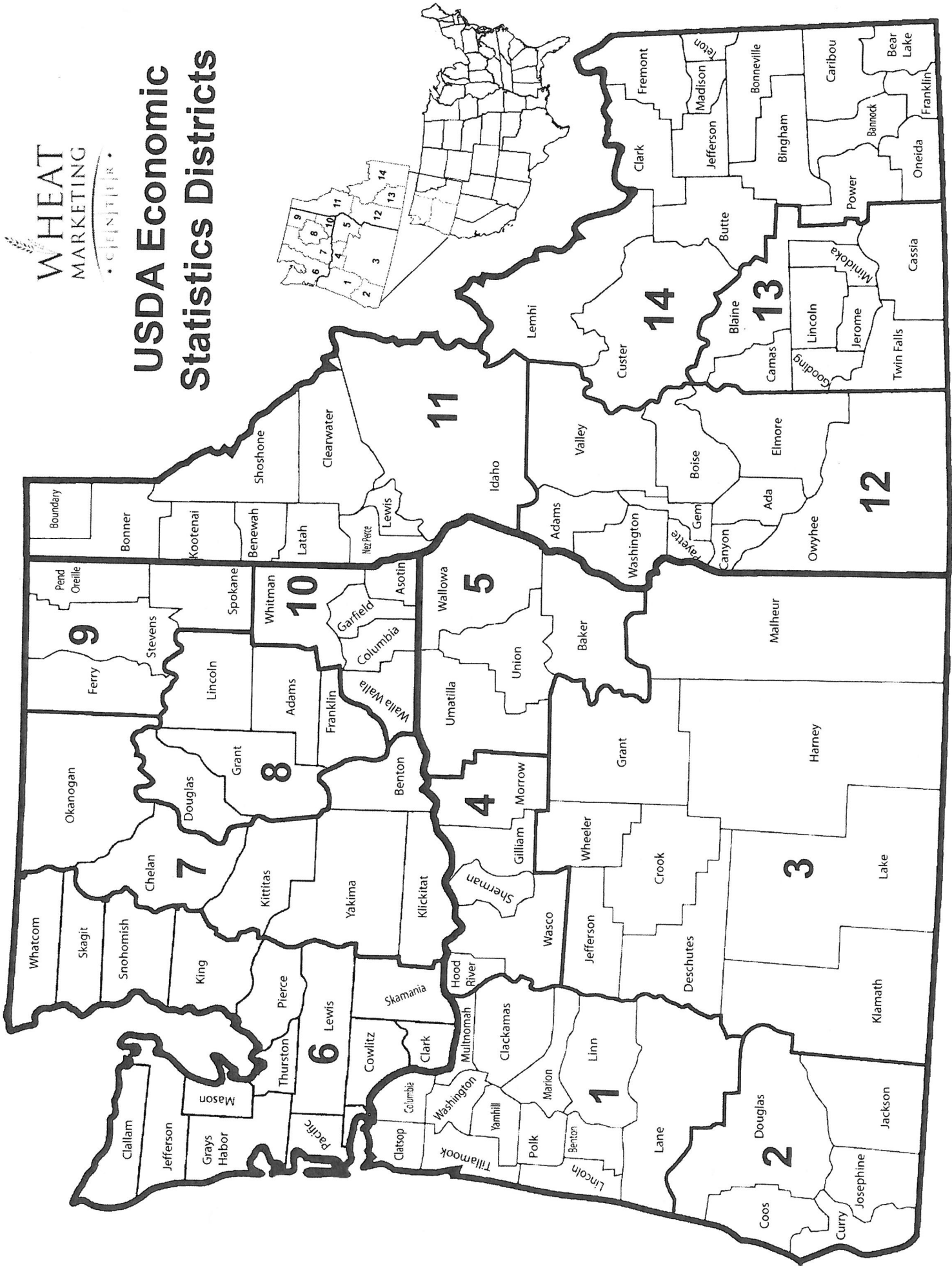
USDA Economic Statistics Districts (Table 1) data showed the following:
Test weight ranges for SWH were 58.4 to 64.4 lb/bu (76.8 to 84.6 kg/hl) and dockage were 0.2% to 0.5%. Wheat moisture contents ranged from 7.8 to 8.4%. Average SWH wheat protein content (12% mb) was 11.4% this week. The SWH falling number average value (14% mb) was 345 seconds. Since there were only a few WHCB, HRW, and HRS 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. This week's samples came from Zones C, NC, and NE.

The average SWH protein (12% mb) was 11.4%. The lowest was 8.8% and the highest was 14.1%.

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

USDA Economic Statistics Districts





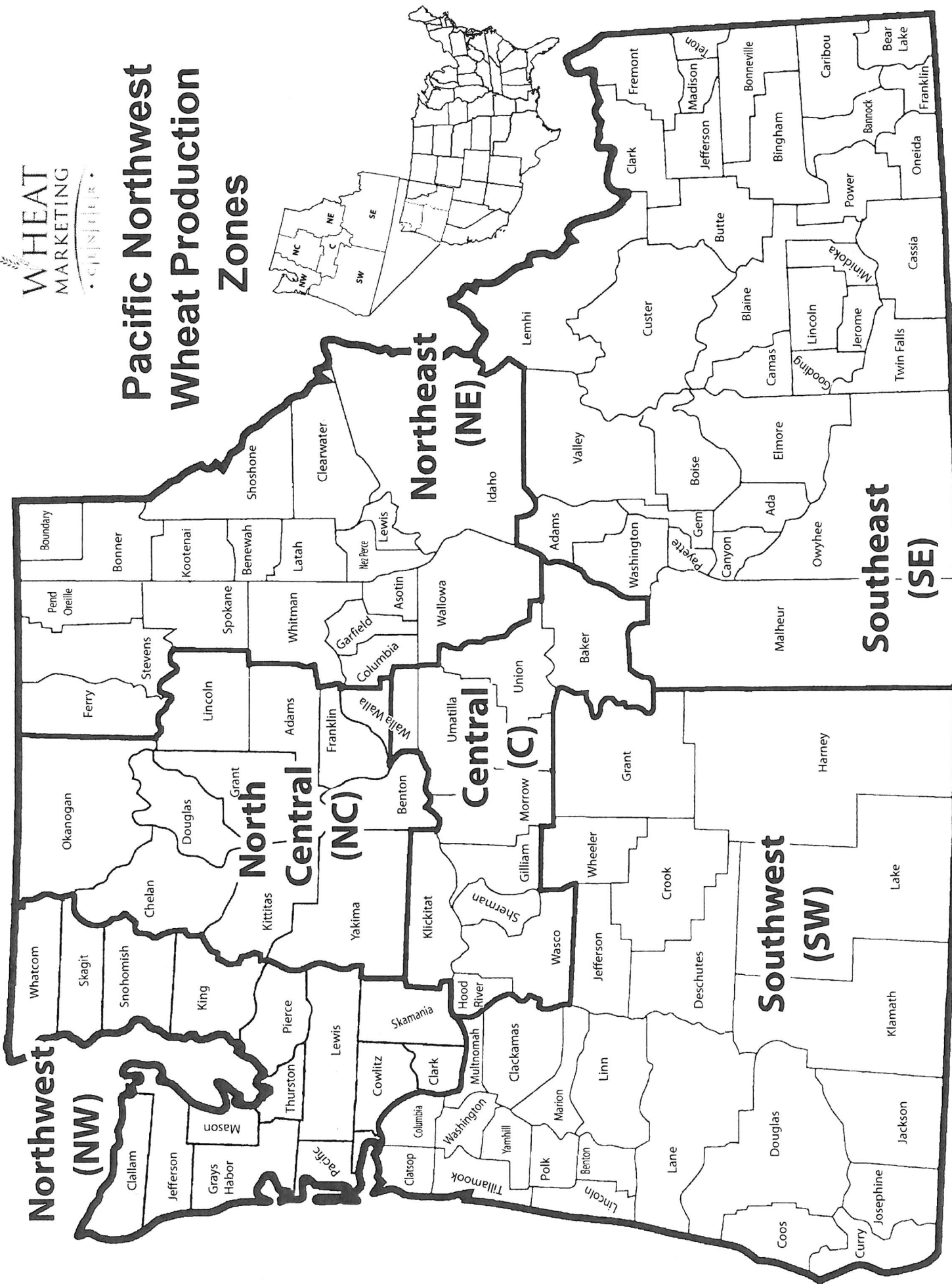
BY USDA ECONOMIC STATISTICS DISTRICTS

Table 1

2021 CROP WEEK 1: July 22, 2021

		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 (w. 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	12	59.6	78.4	0.5	0.0	0.3	0.0	0.7	1.0	8.2	11.4	9.3	13.4	350	28.4	38.6	2.51	1.38	27.8	
SWH	5	4	60.1	79.1	0.3	0.0	0.1	0.0	0.7	0.7	8.4	10.1	8.8	11.8	314	33.7	31.3	2.63	1.57	21.9	
SWH	6/7	1	64.4	84.6	0.5	0.0	0.0	0.0	0.6	0.6	8.0	10.8	10.8	10.8	321	28.7	39.5	2.62	1.19	26.9	
SWH	8	8	60.4	79.4	0.3	0.0	0.0	0.0	1.0	1.1	7.8	11.5	10.1	13.6	342	30.3	38.4	2.55	1.25	29.2	
SWH	10	4	58.4	76.8	0.2	0.0	0.0	0.0	1.4	1.4	8.2	11.8	10.7	13.0	347	26.7	35.3	2.43	1.33	30.6	
SWH	11	5	59.4	78.2	0.4	0.0	0.0	0.0	1.1	1.1	7.8	12.3	11.2	14.1	365	24.8	38.8	2.38	1.24	31.6	
	Crop Year Average																				
SWH	2021	34	59.8	78.7	0.4	0.0	0.1	0.0	0.9	1.1	8.0	11.4			345	28.7	37.4	2.51	1.34	28.3	
SWH	2020	389	61.9	81.4	0.5	0.0	0.0	0.0	0.4	0.5	9.2	9.8			323	36.3	32.2	2.77	1.35	29.3	
WHCB	5	1	58.7	77.3	1.2	0.0	0.0	0.2	1.2	1.4	7.4	10.6	10.6	10.6	351	24.1	35.9	2.40	1.47	16.6	
WHCB	8	1	60.4	79.5	0.1	0.0	0.0	0.2	3.9	4.1	7.4	11.0	11.0	11.0	342	29.4	36.4	2.49	1.33	5.2	
	Crop Year Average																				
WHCB	2021	2	59.6	78.4	0.7	0.0	0.0	0.2	2.6	2.8	7.4	10.8			346	26.8	36.1	2.45	1.40	10.9	
WHCB	2020	95	61.6	81.0	0.5	0.0	0.0	0.0	0.8	0.9	8.5	9.8			322	32.3	31.4	2.61	1.27	18.0	
HRW	6/7	1	60.0	78.9	0.4	0.0	0.0	0.0	1.0	1.0	7.5	14.5	14.5	14.5	536	28.8	80.5	2.51	1.38	36.9	
HRW	8	2	61.2	80.5	0.0	0.0	0.0	0.1	1.1	1.2	7.8	12.0	11.7	12.2	363	37.6	68.9	2.98	1.58	26.7	
HRW	10	1	56.4	74.3	0.1	0.0	0.0	0.0	1.6	1.6	6.7	13.9	13.9	13.9	329	23.4	82.6	2.44	1.33	27.6	
	Crop Year Average																				
HRW	2021	4	59.7	78.6	0.1	0.0	0.0	0.1	1.2	1.3	7.5	13.1			398	31.9	75.3	2.73	1.47	29.5	
HRW	2020	69	62.9	82.6	0.3	0.0	0.0	0.0	0.4	0.5	9.3	11.4			351	36.7	67.6	2.87	1.40	26.8	
HRS	5	1	60.1	79.1	0.1	0.0	0.0	0.6	0.7	1.3	7.4	16.1	16.1	16.1	438	23.2	88.4	2.52	1.60	43.8	
HRS	6/7	1	62.2	81.8	0.0	0.0	0.0	0.0	0.2	0.2	7.7	13.4	13.4	13.4	390	35.1	73.8	2.83	1.75	34.4	
	Crop Year Average																				
HRS	2021	2	61.2	80.4	0.1	0.0	0.0	0.3	0.5	0.8	7.6	14.8			414	29.2	81.1	2.67	1.68	39.1	
HRS	2020	65	62.8	82.5	0.5	0.0	0.1	0.0	0.4	0.5	9.2	14.1			380	32.6	72.1	2.78	1.60	35.6	

Pacific Northwest Wheat Production Zones





BY PRODUCTION ZONES

Table 2

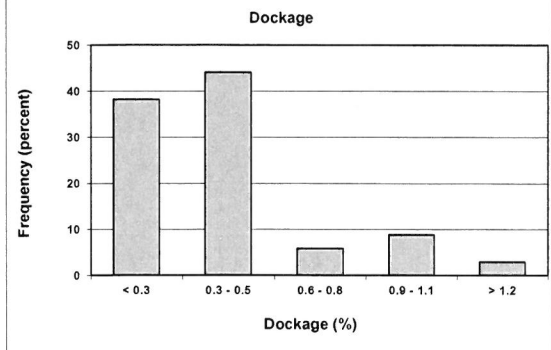
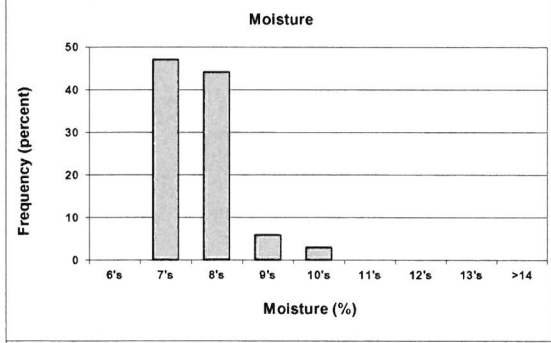
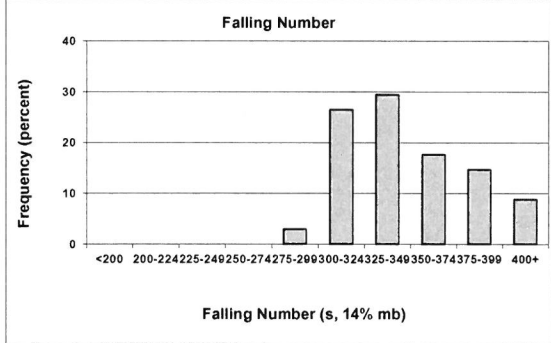
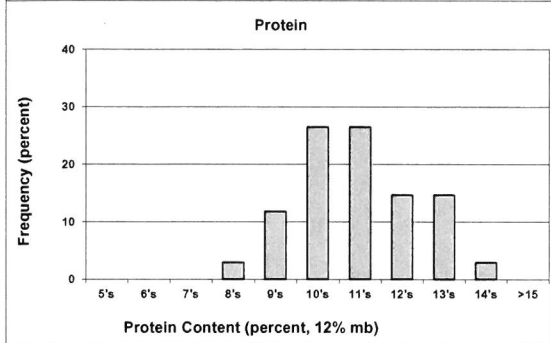
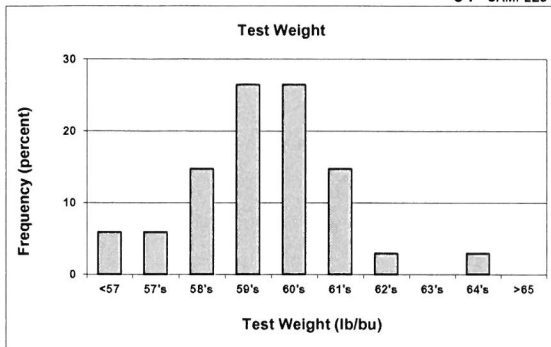
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												Average	Low	High							
SWH	NC	11	59.7	78.6	0.2	0.0	0.0	0.0	1.2	1.3	7.7	11.7	10.1	13.6	351	29.0	37.7	2.51	1.28	29.8	
SWH	NE	6	59.4	78.2	0.4	0.0	0.0	0.0	1.0	1.0	8.2	12.0	10.7	14.1	355	25.7	38.0	2.41	1.25	31.0	
SWH	C	17	60.0	78.9	0.5	0.0	0.2	0.0	0.7	0.9	8.2	11.1	8.8	13.4	339	29.7	36.9	2.54	1.41	26.3	
	Crop Year Average																				
SWH	2021	34	59.8	78.7	0.4	0.0	0.1	0.0	0.9	1.1	8.0	11.4			345	28.7	37.4	2.51	1.34	28.3	
SWH	2020	389	61.9	81.4	0.5	0.0	0.0	0.0	0.4	0.5	9.2	9.8			323	36.3	32.2	2.77	1.35	29.3	
WHCB	NC	1	60.4	79.5	0.1	0.0	0.0	0.2	3.9	4.1	7.4	11.0	11.0	11.0	342	29.4	36.4	2.49	1.33	5.2	
WHCB	C	1	58.7	77.3	1.2	0.0	0.0	0.2	1.2	1.4	7.4	10.6	10.6	10.6	351	24.1	35.9	2.40	1.47	16.6	
	Crop Year Average																				
WHCB	2021	2	59.55	78.4	0.7	0.0	0.0	0.2	2.6	2.8	7.4	10.8			346	26.8	36.1	2.45	1.40	10.9	
WHCB	2020	95	61.581	81.0	0.5	0.0	0.0	0.0	0.8	0.9	8.5	9.8			322	32.3	31.4	2.61	1.27	18.0	
HRW	NC	4	59.7	78.6	0.1	0.0	0.0	0.1	1.2	1.3	7.5	13.1	11.7	14.5	383	31.9	75.3	2.73	1.47	29.5	
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HRS	NC	1	62.2	81.8	0.0	0.0	0.0	0.0	0.2	0.2	7.7	13.4	13.4	13.4	390	35.1	73.8	2.83	1.75	34.4	
HRS	C	1	60.1	79.1	0.1	0.0	0.0	0.6	0.7	1.3	7.4	16.1	16.1	16.1	438	23.2	88.4	2.52	1.60	43.8	
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HRS	2021	2	61.2	80.4	0.1	0.0	0.0	0.3	0.5	0.8	7.6	14.8			414	29.2	81.1	2.67	1.68	39.1	
HRS	2020	65	62.8	82.5	0.5	0.0	0.1	0.0	0.4	0.5	9.2	14.1			380	32.6	72.1	2.78	1.60	35.6	

Distributions

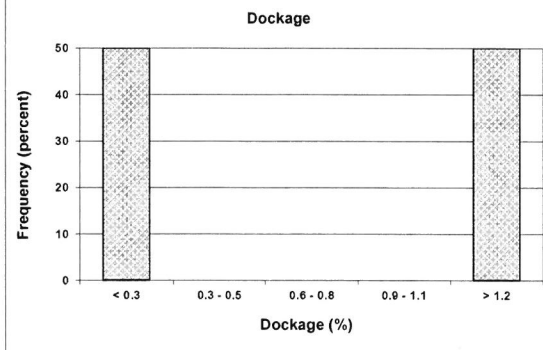
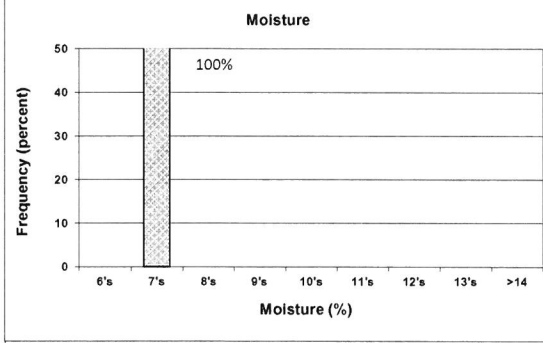
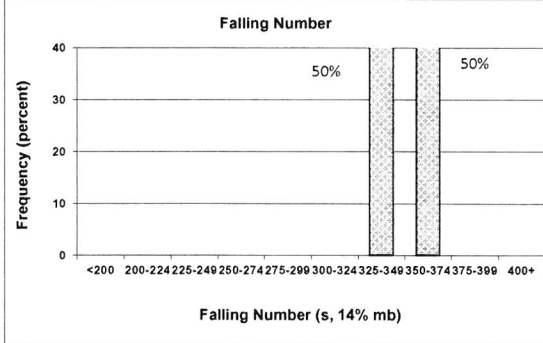
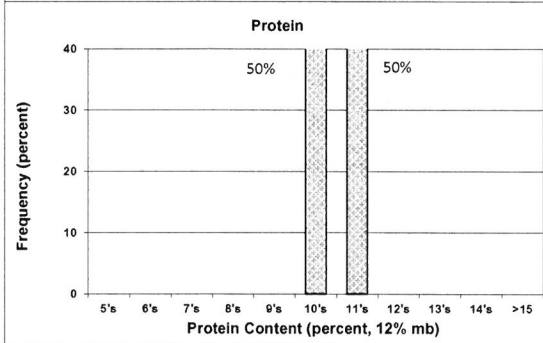
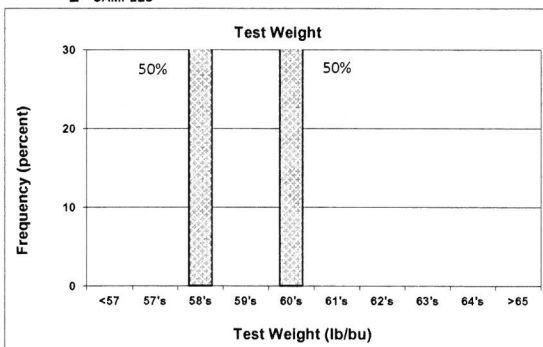
SOFT WHITE WHEAT

34 SAMPLES



WHITE CLUB WHEAT

2 SAMPLES



Prepared by: Wheat Marketing Center, Portland, Oregon