WASHINGTON STATE UNIVERSITY EXTENSION

2021 WSU Variety Testing Soft Winter Wheat Trial, Fairfield

Variety Name *Club Italicized*	2021 Yield (Bu/A)	2021 Test WT (Lbs/Bu)	2021 Protein (%)	2021 Plant HT (In)	2021 Head Date	2 Year Average (Bu/A)	3 Year Average (Bu/A)	5 Year Average (Bu/A)
Released Varieties								
Norwest Duet	**43**	59.5	10.6	28	161	91	93	94
Sockeye CL+ (WA8306 CL+)	**42**	59.6	10.1	28	159	94	99	
OR2X2 CL+	**41**	58.1	12.0	25	160	84	86	82
YSC-93	**41**	60.2	10.9	24	158			
VI Presto CL+ (UIL 17-6451 CL+)	**41**	**61.9**	11.6	26	158			
LCS Blackjack	40	56.2	10.9	24	159	95	96	
Piranha CL+ (WA8305 CL+)	40	59.5	10.6	27	159	94	99	
WB1783	39	**61.8**	11.4	26	159	86	86	84
PNW Hailey	39	**61.3**	11.0	26	158			
Jasper	39	55.2	11.7	25	159	88	92	92
ARS-Selbu	39	59.4	11.8	24	161			
VI Voodoo CL+ (UIL 17-6268 CL+)	39	60.0	11.3	22	159	88	87	
LCS Artdeco	38	58.9	10.4	21	159	92	88	87
LCS Shine	38	58.0	10.4	18	158	87		90
AP Dynamic	38	55.0	11.3	25	161	88		
LCS Hulk	38	58.4	11.7	24	159	88	89	90
Stingray CL+	38	58.7	12.0	25	160	87	89	
AP Iliad	37	59.2	11.2	25	156	90	93	
Nixon	37	57.9	11.2	26	159	85	89	87
ARS-Crescent	37	57.6	11.3	23	162	86	90	93
AP Exceed (11PN039#20)	36	**60.4**	10.6	23	156			
SY Dayton	36	59.8	11.2	22	159	88	89	89
M-press	35	58.7	10.6	26	159	89	91	
ARS-Castella	35	58.4	11.1	21	159	83	86	
Pritchett	35	59.9	12.5	24	159	85		
LCS Drive	35	57.6	11.8	21	156	86	82	80
Resilience CL+	35	60.0	11.6	25	161	81	83	84
Puma	34	59.7	12.0	26	161	80	82	85
Purl	32	59.8	11.5	24	158	86	89	88
WB1604	32	**60.8**	12.9	22	156	81	83	83
Norwest Tandem	32	59.3	11.9	21	157	87	90	93
YSC-215	29	**60.5**	11.6	24	160			
UI Magic CL+	28	**60.7**	12.0	24	160	71	76	79
Experimental Lines								
X61-1	**45**	60.0	11.4	30	158	90		
LWW17-8185	**43**	60.1	9.7	24	159			
ORI2190025 CL+	**41**	58.5	12.0	23	158			
ARS09X492-6CBW	**41**	58.4	11.8	25	159	89	92	
WA8307	40	57.9	11.5	27	160	89	92	
LWW18-5080	39	59.7	11.5	22	158			
ARSX09500-17CBW	38	**60.7**	11.9	22	159			
09PN118-02 CL2	38	58.5	11.1	25	159			
IDO2008	38	58.8	11.4	27	160			
WA8336	38	55.2	10.5	22	160			
UIL 13-553051A	38	58.5	11.1	21	159			
UIL 17-7706 CL+	37	**61.1**	11.6	25	159			
LWW17-5877	36	60.2	12.2	22	156			
WA8335	35	58.5	11.2	24	159			

WA8337		35	59.0	10.1	23	159			
UIL 15-028024		35	**61.2**	11.1	24	162			
OR2160243		35	58.5	11.6	24	160			
ARS14DH1122-26		34	**60.9**	12.1	24	161			
OR2160264		33	57.8	12.2	24	159			
UIL 13-046145A		30	59.8	10.7	24	158			
	C.V.	7	1.6	3.6	6	1	6	6	9
	LSD	4	1.5	0.7	2	1	5	4	5
	Average	37	59.1	11.3	24	159	87	88	86
	Highest	45	61.9	12.9	30	162	95	99	94
	Lowest	28	55.0	9.7	18	156	71	63	66

Agronomic Information

Planting Date:	10/8/2020
Harvest Date:	7/31/2021
Seeding Rate (seeds/ft^2):	23.75
Previous Crop:	Canola
Spring soil test:	
N (lb/ac) 4-ft sample	168
P_2O_5 (lb/ac) 1-ft sample	242
S (lb/ac) 2-ft sample	52
pH (top 6 inches)	4.6

Herbicide: Zidua (2oz) was applied on October 20, 2020.
Spring herbicides were applied by the cooperator.

Trial Notes:

1. The Fairfield nursery was located 5 miles NE of Fairfield, WA.

2. The nursery was fertilized prior to seeding at a rate of 110N, 20S, 10CL. No additional fertilizer was applied after spring soil sampling.

3. Overall yield was 72% lower than 2020 and test weight was 1.9 lb/bu less.

Cooperator: Mike Roecks