

Trial Number: Spring Wheat-01- 2018 Spring Wheat Variety Trial



Objective: Evaluate spring wheat variety yield and maturity differences under irrigated conditions.

Location: SWCRC Yellow Jacket, CO

Crop: Spring Wheat
Target Rate (seeds/Ac): 1,200,000

Previous Crop: Winter wheat - Fallow
Pesticides: Mustang Maxx 3.5 oz/ac
 Harmony Extra 0.8 oz/ac

Fertilizer	Rate/A (lb/A)	Timing	Totals
N:	110.0	Preplant	110.00
P2O5:	30.0	Preplant	30.00
K2O:	30.0	Preplant	30.00
0-0-0-90 (S)	0.0	Preplant	0.00

Planting Date: 5/9/2018
Harvest Date: 9/17/2018

Row Width (in): 12
Tillage: Disk
Harvest Rows: 4

Harvest Device: Hege Plot Combine
Weighing Device: Calibrated Scale
Soil Type: Wetherill Loam

Notes: Highlighted varieties performed better than the trial average. Total irrigation: 14.94 in. Total precipitation: 3.6 in. Total Irrigation + Precipitation: 18.54 in. **Classification Key:** Soft White Spring (SWS), Hard White Spring (HWS), Soft White Spring (SWS)

Trial Results:

Entry	Average of Height (in.)	Average of Anthesis Date	Average of Yield (bu/A)	% ± Mean	Entry #	Classification
Melba	26.00	2-Jul	113.99	44.6	12	Spring Club
WB 6430	23.00	29-Jun	103.28	31.0	20	SWS
WB 9717	28.33	3-Jul	101.88	29.2	16	HRS
LCS Trigger	27.33	2-Jul	98.45	24.9	2	HRS
ID Stone	26.33	2-Jul	92.65	17.5	5	SWS
WB9590	24.00	1-Jul	83.15	5.5	21	HRS
WB 9616CLP	24.33	2-Jul	82.49	4.6	17	HRS
Alum	26.67	2-Jul	81.09	2.8	13	HRS
ID 1604S	22.00	30-Jun	80.26	1.8	8	SWS
WB 6341	23.00	29-Jun	79.27	0.5	18	SWS
ID Platinum	23.67	1-Jul	79.07	0.3	10	HWS
ID 1203S-A	21.33	30-Jun	76.12	-3.5	9	HWS
ID 1405S	28.00	2-Jul	74.31	-5.8	4	SWS
WB 6121	24.00	26-Jun	74.29	-5.8	14	SWS
ID 1602S	26.00	29-Jun	73.77	-6.4	6	HWS
LCS Rebel	31.00	30-Jun	73.42	-6.9	1	HRS
WB 7202CLP	20.33	28-Jun	71.40	-9.4	15	HWS
WB 9668	24.00	29-Jun	64.98	-17.6	19	HRS
ID 1603S	20.00	29-Jun	60.89	-22.8	11	HRS
LCS Cannon	25.00	29-Jun	59.15	-25.0	3	HRS
Jefferson	20.00	29-Jun	56.21	-28.7	22	HRS
ID 1703S	21.67	2-Jul	55.10	-30.1	7	HRS
LSD (p<0.05)	4.8 (in.)	2.17 days	29.5 (bu.)			
Mean	24.36	30-Jun	78.85			
SE	1.71	0.76	10.22			
CV	12.15	0.003	22.45			