Year	Trial Location	Latitude	Longitude	Crop	Crop Type	Variety	UC Number	Avg. Yield (lb/ac)	St.Dev., Yield	Trial Coef.Var., Yield	Rank, Yield	Avg. Protein (%)	St.Dev., Protein	Rank, Protein	Test Weight	Thous.Kern.Weight(g)	Plant Height (in)	Lodging, soft dough (1-8)	Lodging, harvest (1-8)	Shatter, (1-8)	Stripe rust, early (1-8)	Stripe rust, late (1-8)	Bar.Yell.Dwarf (1-8)	Leaf rust (1-8)	Septoria (1-8)	Days to heading	Days to Matur.
2018	SOLANO	38.148511	-121.816862	COMMON	HWS	UC PATWIN 515	1680	4249	-	26.4	1	9.9	-	21	61.7	35.5	26	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HWS	LCS ATOMO	1723	4058	33	26.4	2	8.7	0.3	40	62.4	36.8	30	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	UC YUROK	1745	3677	417	26.4	3	9.4	0.3	33	62.2	33	30	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	UC 1880	1880	3611	932	26.4	4	9.6	0	27	60.1	35.5	30	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	SY 11200024-1-4	1878	3524	12	26.4	5	9.5	0.1	30	61.9	39.5	30	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	WB 9699	1888	3473	1049	26.4	6	9.4	0.9	31	63.6	41	28	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	UC LASSIK	1495	3469	21	26.4	7	9.9	0.7	22	60.2	30	30	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HWS	LCS 12SB0224	1831	3388	16	26.4	8	9.1	0.7	37	60.9	35.5	33	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	SY 11200083-1-3	1877	3360	55	26.4	9	9.3	0.5	35	60.7	36.5	31	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	WB 9490	1887	3323	546	26.4	10	8.5	1	41	61.4	35.5	28	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	XB 9512	1886	3253	1318	26.4	11	9.8	0.5	26	63	35	28	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	WB 9350	1842	3186	1365	26.4	12	9.9	0.4	19	62.4	37	25	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	WB 9112	1748	3179	448	26.4	13	9.6	0.4	29	61.7	32.5	29	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	SY SUMMIT 515	1658	3160	1137	26.4	14	10.3	0.2	12	58.3	29.5	27	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HWS	LCS STAR	1688	3158	1278	26.4	15	9.8	0.4	24	60.9	32	31	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	APB 510477	1874	3115	881	26.4	16	10.2	0.2	13	61.8	31.5	30	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	UC CENTRAL RED	1817	2981	78	26.4	17	10.3	0.3	11	60.9	30.5	29	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	UC 1883	1883	2936	740	26.4	18	10	0.7	15	60	34	27	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	LCS 12SB0197	1830	2914	728	26.4	19	9.9	0.5	23	60.5	35.5	32	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	WB 9433	1847	2877	65	26.4	20	8.9	0.2	38	60.6	34	24	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HWS	WB 7566	1802	2844	670	26.4	21	9.2	1.3	36	59.8	33.5	29	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	SY CAL ROJO	1478	2834	290	26.4	22	8.9	0.7	39	59.5	32.5	25	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	WB PATRON	1731	2826	135	26.4	23	9.9	0.4	20	59	33	30	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	SY SIENNA	1835	2770	766	26.4	24	9.3	0.8	34	61.3	39.5	30	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HWS	SY BLANCA GRANDE 515	1657	2762	904	26.4	25	10	0.4	17	63.2	36.5	30	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	UC 1884	1884	2577	910	26.4	26	10	1	16	61.2	33.5	29	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	WB 9229	1730	2565	424	26.4	27	10.5	0.2	10	61.4	31	35	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HWS	UC PATWIN 515HP	1743	2525	1147	26.4	28	10.6	0.5	9	59.1	25.5	27	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	APB 511829	1875	2506	1536	26.4	29	10.7	1	8	58.2	27	28	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	SY REDWING	1521	2451	1063	26.4	30	9.4	1.4	32	58.3	32	26	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HWS	UC 15010 27	1815	2446	260	26.4	31	9.6	0.8	28	57.8	28	28	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	YECORA ROJO	112	2366	230	26.4	32	10.1	1.5	14	62.4	39	21	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	WB JOAQUIN ORO	1728	2329	1513	26.4	33	11.9	0.1	1	61	32	30	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	UC 1882	1882	2312	566	26.4	34	10.8	0.5	5	58.8	33	26	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	SY 11200064-1-9	1876	2281	1143	26.4	35	10.7	0.9	6	61.8	34	27	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HWS	SY BLANCA ROYALE	1522	2250	1682	26.4	36	10.7	0.9	7	59.4	33.5	27	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	UC 1885	1885	2189	1886	26.4	37	11.3	2.7	3	59.4	33	25	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	YECORA ROJO 515	1879	2073	1025	26.4	38	11.7	0.3	2	57.8	29.5	20	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	SWS	BAG NEW DIRKWIN	1667	1921	897	26.4	39	10	0.5	18	58.1	35.5	31	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	SRS	ASSL TAM 204	1778	1427	1030	26.4	40	9.8	-	25	59.2	29	33	-	1	-	-	-	-	-	-	-	-
2018	SOLANO	38.148511	-121.816862	COMMON	HRS	WB 9904	1751	1085	-	26.4	41	11	-	4	-	-	35	-	1	-	-	-	-	-	-	-	-