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	IMPERIAL	32.81097	-115.443706	COMMON	HRS	YECORA ROJO	112	7823	1005	13	1	12.6	2.3	26	61	-	32	-	1	-	-	-	-	-	-	55	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	SY REDWING	1521	7461	697	13	2	12.8	2.6	17	61.2	-	33	-	1	-	-	-	-	-	-	55	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	APB 510477	1874	7292	994	13	3	12.2	1.1	34	60.5	-	32	-	1	-	-	-	-	-	-	53	99
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	UC 1885	1885	7289	837	13	4	12.6	1.4	25	62	-	32	-	1	-	-	-	-	-	-	59	102
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	SY 11200024-1-4	1878	7270	1567	13	5	13.9	1.5	2	59.2	-	29	-	1	-	-	-	-	-	-	54	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	WB 9433	1847	7210	858	13	6	13.3	0.6	9	63	-	31	-	1	-	-	-	-	-	-	60	103
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	APB 511829	1875	7145	1273	13	7	12.1	1.9	38	60.8	-	31	-	1	-	-	-	-	-	-	56	102
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	WB 9904	1751	7123	802	13	8	12.7	0.5	20	62.5	-	29	-	1	-	-	-	-	-	-	55	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	UC YUROK	1745	7114	377	13	9	12.7	0.3	21	62.8	-	32	-	1	-	-	-	-	-	-	54	100
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	SY 11200083-1-3	1877	7015	587	13	10	12.7	1	24	60.2	-	34	-	1	-	-	-	-	-	-	58	102
2018	IMPERIAL	32.81097	-115.443706	COMMON	HWS	LCS STAR	1688	6950	564	13	11	12.8	0.3	16	62.2	-	32	-	1	-	-	-	-	-	-	57	103
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	WB 9350	1842	6880	321	13	12	13.2	0.6	12	62.5	-	32	-	1	-	-	-	-	-	-	60	103
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	UC 1882	1882	6810	799	13	13	12.2	1.8	35	62	-	33	-	1	-	-	-	-	-	-	55	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	SY SIENNA	1835	6809	1385	13	14	13.1	0.3	13	62.8	-	30	-	1	-	-	-	-	-	-	59	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	SRS	ASSL TAM 204	1778	6804	825	13	15	12.7	1.1	23	59	-	34	-	1	-	-	-	-	-	-	56	103
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	UC 1884	1884	6758	498	13	16	12.5	1.2	29	59	-	32	-	1	-	-	-	-	-	-	55	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HWS	UC 15010 27	1815	6735	1330	13	17	12.9	0.4	15	62.2	-	30	-	1	-	-	-	-	-	-	-	-
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	LCS 12SB0197	1830	6726	769	13	18	12.7	1.9	22	62.8	-	35	-	1	-	-	-	-	-	-	53	100
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	WB 9490	1887	6708	788	13	19	12.7	0.9	19	59.2	-	31	-	1	-	-	-	-	-	-	58	103
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	WB 9112	1748	6700	1045	13	20	12.5	1.1	28	60.2	-	33	-	1	-	-	-	-	-	-	59	103
2018	IMPERIAL	32.81097	-115.443706	COMMON	HWS	SY BLANCA ROYALE	1522	6700	639	13	21	12.1	1	37	60	-	34	-	1	-	-	-	-	-	-	55	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	UC LASSIK	1495	6684	324	13	22	12.3	0.9	31	60.8	-	35	-	1	-	-	-	-	-	-	59	103
2018	IMPERIAL	32.81097	-115.443706	COMMON	HWS	WB 7566	1802	6677	778	13	23	13.2	0.9	11	61.2	-	29	-	1	-	-	-	-	-	-	57	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	SWS	BAG NEW DIRKWIN	1667	6673	933	13	24	13.3	1.4	8	62	-	29	-	1	-	-	-	-	-	-	55	99
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	WB PATRON	1731	6657	1008	13	25	12.2	1.6	33	59.2	-	31	-	1	-	-	-	-	-	-	56	102
2018	IMPERIAL	32.81097	-115.443706	COMMON	HWS	UC 1883	1883	6648	1229	13	26	13.7	0.6	4	61.5	-	31	-	1	-	-	-	-	-	-	57	100
2018	IMPERIAL	32.81097	-115.443706	COMMON	HWS	UC PATWIN 515	1680	6633	610	13	27	11.9	1.1	39	60.8	-	36	-	1	-	-	-	-	-	-	57	103
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	WB JOAQUIN ORO	1728	6632	1316	13	28	12.8	0.5	18	61	-	35	-	1	-	-	-	-	-	-	59	102
2018	IMPERIAL	32.81097	-115.443706	COMMON	HWS	LCS 12SB0224	1831	6589	1487	13	29	11.4	1.8	41	60.2	-	34	-	1	-	-	-	-	-	-	53	102
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	YECORA ROJO 515	1879	6553	612	13	30	12.4	1.3	30	61.5	-	33	-	1	-	-	-	-	-	-	53	100
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	UC 1880	1880	6546	1445	13	31	12.3	1.9	32	59.5	-	34	-	1	-	-	-	-	-	-	57	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HWS	SY BLANCA GRANDE 515	1657	6483	878	13	32	13.3	0.5	7	62.2	-	33	-	1	-	-	-	-	-	-	58	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	WB 9229	1730	6433	329	13	33	13	0.4	14	61.8	-	32	-	1	-	-	-	-	-	-	58	102
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	WB 9699	1888	6416	889	13	34	13.7	0.4	6	63	-	31	-	1	-	-	-	-	-	-	56	100
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	XB 9512	1886	6375	558	13	35	13.2	1	10	61	-	30	-	1	-	-	-	-	-	-	57	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HWS	UC PATWIN 515HP	1743	6350	1203	13	36	11.9	0.4	40	60.5	-	33	-	1	-	-	-	-	-	-	57	102
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	SY CAL ROJO	1478	6158	622	13	37	12.1	1.5	36	58	-	30	-	1	-	-	-	-	-	-	59	103
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	SY SUMMIT 515	1658	6152	1072	13	38	13.7	1.2	5	62	-	30	-	1	-	-	-	-	-	-	57	99
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	UC CENTRAL RED	1817	5943	762	13	39	13.8	0.9	3	62.5	-	29	-	1	-	-	-	-	-	-	55	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HRS	SY 11200064-1-9	1876	5844	661	13	40	14.2	1.4	1	59.2	-	32	-	1	-	-	-	-	-	-	59	101
2018	IMPERIAL	32.81097	-115.443706	COMMON	HWS	LCS ATOMO	1723	5807	1033	13	41	12.6	2.4	27	59.2	-	31	-	1	-	-	-	-	-	-	57	102