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	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HWS	LCS ATOMO	1723	6139	652	12.6	1	12.2	1	41	61.4	34.5	32	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	APB 511829	1875	5652	566	12.6	2	13.1	0.8	39	62.4	36.5	34	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HWS	SY BLANCA GRANDE 515	1657	5505	881	12.6	3	12.7	0.5	40	63.6	37	33	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	SY SIENNA	1835	5323	93	12.6	4	13.4	0.3	37	60.7	34	34	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HWS	LCS 12SB0224	1831	5273	526	12.6	5	13.3	0.8	38	58.6	29.5	32	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HWS	UC 15010 27	1815	5266	766	12.6	6	13.8	0.4	35	59.4	36	32	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	UC 1880	1880	5201	486	12.6	7	14.9	0.6	17	56.2	31.5	34	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	WB 9699	1888	5186	460	12.6	8	14.7	0.5	22	59	31	33	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HWS	UC PATWIN 515	1680	5135	736	12.6	9	14.9	0.6	18	58.3	28	32	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HWS	WB 7566	1802	5132	404	12.6	10	14.9	0.8	19	56.9	27	32	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	YECORA ROJO	112	5122	596	12.6	11	14	0.9	31	60.7	36	30	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	XB 9512	1886	5066	521	12.6	12	14.3	0.6	29	60.2	29	32	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	WB PATRON	1731	5027	479	12.6	13	13.8	1.5	34	58.4	32.5	35	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	WB JOAQUIN ORO	1728	4941	520	12.6	14	13.8	0.7	33	59.7	31	30	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	SY 11200024-1-4	1878	4924	682	12.6	15	14.1	1	30	61.1	37.5	33	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	SY SUMMIT 515	1658	4914	673	12.6	16	14.5	1.1	27	55.4	27	32	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HWS	UC 1883	1883	4837	599	12.6	17	14.5	1.3	25	54.7	25	31	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	WB 9350	1842	4825	637	12.6	18	13.9	1	32	56.7	29	28	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HWS	SY BLANCA ROYALE	1522	4804	325	12.6	19	15	0.9	15	59.2	31	30	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	UC LASSIK	1495	4800	575	12.6	20	14.5	1	26	56.2	21	34	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	WB 9112	1748	4789	536	12.6	21	14.4	0.7	28	59.4	29	34	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	UC 1884	1884	4768	777	12.6	22	14.9	0.8	20	61	32.5	33	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	LCS 12SB0197	1830	4734	314	12.6	23	15.6	1.4	5	55.7	28	36	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HWS	LCS STAR	1688	4712	959	12.6	24	15.5	2.1	6	59	29.5	33	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	WB 9433	1847	4661	478	12.6	25	14.7	1.1	21	55.9	24.5	29	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HWS	UC PATWIN 515HP	1743	4651	1135	12.6	26	15.6	2.1	4	56.4	26.5	30	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	SY REDWING	1521	4650	944	12.6	27	15.8	1.6	2	54.1	27	31	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	UC 1885	1885	4642	119	12.6	28	14.6	0.5	23	56.4	30	29	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	WB 9490	1887	4631	590	12.6	29	13.6	1.1	36	57.4	28.5	32	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	UC YUROK	1745	4625	887	12.6	30	14.5	0.5	24	57.3	24	34	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	WB 9229	1730	4613	225	12.6	31	15.3	0.4	9	59	27.5	35	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	SY 11200064-1-9	1876	4608	512	12.6	32	15.5	0.5	7	59.8	30.5	29	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	SY CAL ROJO	1478	4594	583	12.6	33	15	1.5	14	58.7	32	32	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	YECORA ROJO 515	1879	4423	578	12.6	34	15.7	0.4	3	56.9	32	28	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	SY 11200083-1-3	1877	4422	618	12.6	35	15.4	1	8	55.5	25	38	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	APB 510477	1874	4419	351	12.6	36	15	0.7	16	57.4	28.5	35	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	UC CENTRAL RED	1817	4418	513	12.6	37	16.1	1.3	1	53.2	23.5	33	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	UC 1882	1882	4257	707	12.6	38	15.2	1.1	11	56.4	30.5	32	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	SRS	ASSL TAM 204	1778	4221	994	12.6	39	15.1	2.1	13	57.4	27.5	35	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	HRS	WB 9904	1751	3766	838	12.6	40	15.2	2.1	12	51.9	25.5	36	-	1	-	-	-	-	-	-	-	-
2018	FRESNO_LOW_WATER	36.338269	-120.114294	COMMON	SWS	BAG NEW DIRKWIN	1667	3513	969	12.6	41	15.3	2.2	10	58.2	33	35	-	1	-	-	-	-	-	-	-	-