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.
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HWS	UC 15010 27	1815	2046	327	14.8	1	8.2	0.8	35	64	38.5	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	APB 510453	1841	2018	105	14.8	2	8.5	0.8	29	64.6	42.5	18	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	SY 314	1660	1999	417	14.8	3	8.1	0.3	40	62.5	41	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	SRS	ASSL TAM 204	1778	1990	238	14.8	4	8.7	0.2	21	59.3	31	22	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	WWW FV 2808	1608	1964	96	14.8	5	8.6	0.1	23	64	36	20	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	XA 9501	1845	1948	324	14.8	6	8	0.7	42	63	41	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	LCS 12SB0197	1830	1922	278	14.8	7	8.2	0.2	36	61	36.5	20	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	SY ULTRA	1590	1900	126	14.8	8	8.1	0.3	38	64	41	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	SY 13W00850	1834	1892	418	14.8	9	9.3	0.9	10	64.6	42	19	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HWS	LCS 12SB0224	1831	1887	75	14.8	10	9.1	0.2	14	63.4	39	18	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	SWS	BAG NEW DIRKWIN	1667	1886	170	14.8	11	9.2	0.5	11	60	35.5	23	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	XA 9302	1844	1881	400	14.8	12	8.2	0.3	34	64.3	39	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HWS	LCS STAR	1688	1874	418	14.8	13	8.1	0.6	39	62.9	35.5	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	SY 13W00886	1835	1868	545	14.8	14	9.4	0.6	9	64.3	44	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	XA 9503	1847	1852	350	14.8	15	8.3	0.7	33	65.3	35.5	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	XA 9301	1843	1837	341	14.8	16	8.1	0.3	41	65.4	42	17	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HWS	UC PATWIN 515	1680	1833	373	14.8	17	8.4	0.6	31	63.7	34	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	UC LASSIK	1495	1830	355	14.8	18	9.2	0.8	12	63.6	36.5	19	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	APB 410117	1840	1816	241	14.8	19	8.5	0.7	25	62	44	20	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HWS	LCS ATOMO	1723	1801	548	14.8	20	7.8	0.8	44	63.6	38	18	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	SY REDWING	1521	1766	160	14.8	21	8.5	0.3	28	62.6	37.5	15	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HWS	WB 7566	1802	1749	80	14.8	22	8.2	0.5	37	64.1	39	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	APB 500709	1819	1724	344	14.8	23	8.3	0.7	32	64.6	34.5	17	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	UC 16010 20	1838	1723	99	14.8	24	8.7	0.3	20	64.8	37.5	19	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HWS	SY BLANCA ROYALE	1522	1721	106	14.8	25	8.5	0.4	26	63.8	37	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	APB 501089	1828	1709	147	14.8	26	8.5	0.5	27	64	43	17	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	SY CAL ROJO	1478	1696	59	14.8	27	8.6	0.2	24	61.5	38	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	UC ANZA	20	1694	235	14.8	28	9	0.7	15	62.7	38	20	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	SRS	SY VACA	1766	1666	501	14.8	29	6.9	0.2	45	58.4	33	22	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	UC YUROK	1745	1648	259	14.8	30	9.8	0.4	2	64.3	34	19	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	WB 9904	1751	1636	150	14.8	31	8.7	0.7	19	62.2	45	21	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	WB 9350	1842	1631	380	14.8	32	8	0.5	43	64.9	39.5	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	SY SUMMIT 515	1658	1602	118	14.8	33	9	0.6	17	62.6	37	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	XA 9502	1846	1592	311	14.8	34	8.6	0.4	22	65.4	42	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	WB PATRON	1731	1587	270	14.8	35	8.4	0.5	30	64.5	41	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HWS	UC PATWIN 515HP	1743	1580	234	14.8	36	8.9	0.8	18	62.2	34.5	17	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	WB 9229	1730	1570	327	14.8	37	9.4	0.7	8	65.1	37.5	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HWS	SY BLANCA GRANDE 515	1657	1542	113	14.8	38	9.2	0.1	13	61.8	36.5	16	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HWS	UC 16010 32	1839	1523	124	14.8	39	9.5	0.1	7	63.3	34	18	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	UC 15014 4	1817	1512	184	14.8	40	9.5	0.4	6	64.7	36.5	18	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	WB 9112	1748	1381	51	14.8	41	9.5	0.3	4	-	-	17	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	UC 14657 170	1836	1369	268	14.8	42	9.5	1.2	5	60.3	35	18	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	YECORA ROJO	112	1344	244	14.8	43	9	0.3	16	62.9	41.5	14	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HWS	UC 15080 49	1837	1327	308	14.8	44	9.7	0.2	3	-	-	15	-	-	-	-	-	-	-	-	-	-
2017	FRESNO_LOW_N	36.339803	-120.119236	COMMON	HRS	WB JOAQUIN ORO	1728	1228	236	14.8	45	10.1	0.5	1	-	-	18	-	-	-	-	-	-	-	-	-	-