

Combined summary of 2017-2018 and 2018-2019 organic/low-input trials with modern and landrace varieties grown at 5 locations in the Sacramento Valley. Yield and grain protein and associated error/uncertainty are shown. P-values represent whether a variety's yield is significantly different than the average (lower or higher), with a P-value < 0.05 indicating higher/lower than average and a P-value > 0.05 indicating not different than average. HRS = hard red spring wheat; HWS = hard white spring wheat; SWS = soft white spring wheat; SRS = soft red spring wheat; SWW = soft white winter wheat; 2RSM = 2-row spring malting barley; 6RSN = 6-row spring naked barley.

Variety	Crop	Type	Average Yield	St. Err., Yield	P-value, Yield	Yield Rating	Average Protein	St. Err., Protein
UC 1767	WHEAT	HRS	5816	746	0.00	higher than average	12.61	1.51
UC CENTRAL RED	WHEAT	HWS	5449	746	0.00	higher than average	12.8	1.31
UC DESERT GOLD	DURUM		5432	746	0.00	higher than average	11.76	1.52
UC TAMALPAIS	BARLEY	6RSN	5403	743	0.00	higher than average	9.67	1.53
LCS ODYSSEY	BARLEY	2RSM	5352	660	0.00	higher than average	8.45	1.53
UC YUROC	WHEAT	HRS	4900	743	0.04	higher than average	11.45	1.31
UC 1838	WHEAT	HRS	4826	746	0.06	higher than average	12.11	1.31
OSU FULL PINT	BARLEY	2RSM	4814	612	0.01	higher than average	9.46	1.53
UC TAHOE	BARLEY	2RSM	4780	612	0.01	higher than average	7.92	1.53
UC 1814	WHEAT	HRS	4609	746	0.12	average	11.53	1.31
SY BLANCA GRANDE 515	WHEAT	HWS	4587	743	0.13	average	11.25	1.31
UC BUTTA 12	BARLEY	2RSM	4569	660	0.08	average	8.8	1.53
UC 1839	WHEAT	HRS	4474	746	0.18	average	12.38	1.31
UC DESERT KING	DURUM		4323	743	0.28	average	11.08	1.31
UC 1815	WHEAT	HWS	4198	746	0.39	average	11.37	1.31
LCS GENIE	BARLEY	2RSM	4188	660	0.32	average	8.88	1.53
YECORA ROJO	WHEAT	HRS	4167	614	0.26	average	11.89	1.19
ACC SYNERGY	BARLEY	2RSM	3995	747	0.62	average	9.62	1.53
UC 1816	WHEAT	HWS	3967	746	0.65	average	12.19	1.31
CDC COPELAND	BARLEY	2RSM	3954	747	0.67	average	9.9	1.53
UC PATWIN 515HP	WHEAT	HWS	3819	661	0.80	average	12.42	1.24
KLAGES	BARLEY	2RSM	3492	586	0.58	average	9.74	1.53
ALTURAS	WHEAT	SWS	3421	746	0.63	average	10.31	1.31
UC 1107w	WHEAT	HWS	3290	746	0.48	average	9.89	1.51
EDISON	WHEAT	HWS	3218	746	0.41	average	10.37	1.31
UC 1818	WHEAT	HRS	3105	746	0.30	average	12.26	1.52
YECORA ROJO 515	WHEAT	HRS	3101	743	0.30	average	13.71	1.31
UC CAPAY	BARLEY	2RSM	3003	744	0.24	average	NA	NA
CHIDDAM BLANC DE MARS	WHEAT	SWS	2410	614	0.00	lower than average	12.15	1.19
WIT WOLKORING	WHEAT	SWS	2154	661	0.00	lower than average	11.41	1.24
GLENN	WHEAT	HRS	2070	743	0.01	lower than average	12.79	1.53
OLAND	DURUM	HWS	2024	746	0.01	lower than average	12.23	1.31
RED FIFE	WHEAT	HRS	1955	746	0.00	lower than average	12.97	1.31
INDIA JAMMU	WHEAT	HWS	1934	661	0.00	lower than average	13.55	1.24
SONORA	WHEAT	SWS	1897	614	0.00	lower than average	11.13	1.19
AKMOLINA	TURGIDUM		1516	743	0.00	lower than average	11.74	1.31
FOISY	WHEAT	SWS	782	743	0.00	lower than average	14.45	1.53