

Combined summary of 2017-2018 organic/low-input trials with modern and heritage varieties grown at 3 locations in the Sacramento Valley. Yield and grain protein (for wheat varieties) 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; TURG = turgidum wheat; 2RSM = 2-row spring malting barley; 6RSN = 6-row spring naked barley.

Variety	Type	Average Yield	St. Err., Yield	P-value	Average Protein	St. Err., Protein
LCS ODYSSEY	2RSM	5955	765	0		
UC TAMALPAIS	6RSN	5897	768	0		
UC YUOK	HRS	5394	768	0.03	11.33	1.5
OSU FULL PINT	2RSM	5348	684	0.01		
UC BUTTA 12 96	2RSM	5094	768	0.07		
UC TAHOE	2RSM	4950	684	0.07		
UC DESERT KING	DURUM	4817	768	0.18	10.95	1.5
APB WESTMORE HP	DURUM	4668	967	0.43	11.7	1.61
WB 9350	HRS	4603	967	0.48	11.36	1.61
LCS GENIE	2RSM	4590	765	0.35		
SY SUMMIT 515	HRS	4559	967	0.51	11.71	1.61
WB 7566	HWS	4531	967	0.54	11.05	1.61
UC PATWIN 515HP	HWS	4520	768	0.4	12.04	1.5
LCS STAR	HWS	4487	967	0.57	11.02	1.61
YECORA ROJO	HRS	4459	684	0.38	12.33	1.45
ACC SYNERGY	2RSM	4401	967	0.65		
UC PATWIN 515	HWS	4341	967	0.7	11.54	1.61
BAG NEW DIRKWIN	SWS	4303	967	0.74	11.77	1.61
SY BLANCA GRANDE 515	HWS	4229	967	0.81	11.93	1.61
ASSL TAM 204	SRS	4112	967	0.92	11.46	1.61
ROSALYN	SWW	4093	967	0.94	10.13	1.61
CDC COPELAND	2RSM	4007	967	0.98		
UC 1390	2RSM	3841	768	0.74		
KLAGES	2RSM	3630	645	0.37		
YECORA ROJO 515	HRS	3595	768	0.45	13.58	1.5
YAMHILL	SWW	3516	967	0.53	10.94	1.61
GLENN	HRS	2564	768	0.02	12.89	1.61
WIT WOLKORING	SWS, HERITAGE	2562	768	0.02	11.49	1.5
CHIDDAM BLANC DE MARS	SWS, HERITAGE	2417	684	0	12.53	1.45
SONORA	SWS, HERITAGE	2281	684	0	11.84	1.45
AKMOLINA	TURG, HERITAGE	2010	768	0	11.61	1.5
INDIA JAMMU	HWS, HERITAGE	1950	768	0	12.93	1.5
FOISY	SWS, HERITAGE	1276	768	0	14.55	1.61