

October 2019

## 2019 Kern County Wheat Variety Performance Trial

Cereal grain variety evaluations were conducted at multiple locations throughout California. The Kern County results are shown in Tables 1, 2 and 3. The tests included advanced breeding lines but only the top yielding experimental varieties are included in these tables. Multi-site/year averages and additional information are available at <http://smallgrains.ucanr.edu>.



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Table 1. 2017 Kern County Durum Wheat Variety Trial Results.

Cultivar	2019 Grain Yield	3-year Southern San Joaquin Average Yield	Protein	Test Weight	Plant Height	Lodging	Stripe Rust
	--- lbs/acre ---		- % -	-lbs/bu-	- inches -		
UC DESERT GOLD	10003	7878	12.9	62.6	46	4	1
UC MIWOK	9750	8291	13.7	62.1	41	6	4
POWELL	9552	8172	13.2	62.6	38	5	2
SY VOLANTE	9511	8559	12.7	62.1	43	4	1
SY FORTISSIMO	9437	8314	13.7	61.4	41	3	1
AS COLOMBO	9093	7292	12.2	63.7	45	2	3
WB ORITA	8898	7597	13.4	61.1	44	3	4
SHASTA	8791	7864	13.2	62.7	40	7	3
WB MEAD	8789	7463	14	62.9	44	2	3
ALBERTO	8774	7981	12.8	60.7	37	5	2
UC DESERT KING	8552	7988	14.2	61.7	44	1	1
UC DESERT KING HP	8371	7400	16	60.5	43	5	1
WB MOHAVE	8282	7714	13.2	61.7	39	7	4
AS SARAGOLLA	8169	7305	12.4	62.4	37	6	3
KRONOS	7779	6535	12.7	61	41	7	4
AS MAESTRALE	7628	7341	12.8	62.1	40	7	3
DPG PLATINUM	7534	7276	12.4	61.5	36	7	1
WESTMORE HP	7513	6805	14	61.1	37	7	1
TIBURON	6675	8700	13.9	60.5	38	7	1
<i>Experimental Lines</i>							
ASC 124	9630		12.6	60.2	44	3	3
UC 1910	9157		15.2	61.4	44	5	1
UC 1771	8850		13	62	38	7	1
APB 152308	8704		13	60.2	36	5	3

Lodging and Stripe Rust rating (1-8)

Table 2. 2019 Kern County Common Wheat Variety Trial Results.

Cultivar	2019 Grain Yield	3-year Southern San Joaquin Average Yield	Protein	Test Weight	Plant Height	Lodging	Stripe Rust
	--- lbs/acre ---		- % -	-lbs/bu-	inches		
WB 9350	8382	7177	11.5	62.1	36	2	2
WB 9433	8378	7311	11.9	62.0	37	2	2
ASSL TAM 204	8102	6535	12.2	59.5	45	4	2
WB 9490	8084	6804	11.7	61.2	41	4	2
LCS ATOMO	8051	7631	11.7	62.8	39	3	2
WB 9699	7976	6990	12.9	62.4	40	4	2
AP OCTANE	7923	6717	12.2	61.0	40	4	1
AP VENOM	7807	6701	13.1	61.5	42	6	1
SY VACA	7730	5346	10.4	60.0	44	7	1
SY REDWING	7534	6893	12.3	61.0	39	5	4
SY CAL ROJO	7525	6948	11.5	61.2	36	4	1
UC PATWIN 515	7459	6066	12.7	60.0	37	2	1
SY 11200064-1-9	7390		13.4	61.9	36	3	1
SY SIENNA	7371	7177	13.3	61.9	38	2	2
SY SUMMIT 515	7260	7182	12.5	61.4	38	4	1
UC CENTRAL RED	7259	6901	13.4	61.8	40	7	1
WB 9904	7214	6493	12.2	61.7	41	5	1
UC YUROK	7040	6470	13.4	62.4	39	6	1
UC PATWIN 515HP	6792	6717	13.7	60.2	34	4	1
DPG FV 2808	6772	5793	10.7	61.7	43	6	3
BAG NEW DIRKWIN	6724	4415	11.4	57.8	44	7	1
WB 9229	6537	5792	14.3	62.9	39	5	1
UC LASSIK	6387	6513	12.6	60.5	36	3	1
SY BLANCA GRANDE 515	6387	6865	13.5	62.0	36	7	1
WB JOAQUIN ORO	5898	5882	14.6	61.6	36	6	2
WB PATRON	5822	6066	12.2	60.6	36	7	1
YECORA ROJO	5735	5820	13.5	61.2	32	8	4
WB TRIPLE IV	4994	4283	13.2	60.1	33	8	2
<i>Experimental Lines</i>							
UC 1880	7774	6458	12.8	61.4	37	7	1
WINCAL 158-2	7661	6950	13.0	61.7	38	3	1
XC 9407	7560	6849	13.0	61.7	38	3	1
UC 1882	7320	6458	12.4	61.0	37	6	1

Table 3. 2019 Kern County Triticale Variety Trial Results.

Cultivar	2019 Grain Yield	3-year Southern San Joaquin Average Yield	Protein	Test Weight	Plant Height	Lodging	Stripe Rust
	--- lbs/acre ---		- % -	-lbs/bu-	inches		
NS GOLD RUSH 91	8327	7849	11.8	55.6	38	2	1
NS SWIFT 77	8277	7519	11.9	55.9	46	2	1
NS TRICAL 105	7553	6570	12	58.2	44	5	1
NS CAMELOT	6848	6537	11.8	56.2	44	5	1
<i>Experimental Lines</i>							
UC 3190	8963	8205	13.5	58.8	43	6	1
UC 3185	8777	7497	10.6	57.1	44	2	1
NS 13T00903	8752	7994	10.7	56.1	43	1	1
NS TRICAL 115T	8470	7246	10.7	58.8	40	1	1