

October 2018

2018 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 and 2. The tests included advanced breeding lines but only the top yielding experimental varieties is 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	2017 Grain Yield	3-year Southern San Joaquin Average Yield	Protein	Plant Height	Lodging	Stripe Rust	Barley Yellow Dwarf Virus	Septoria
	- lbs/acre -		%	inches				
APB TIBURON	10731	8140	13.3	32	1	3	2	3
APB 540165	10248	7847	13.2	32	1	3	1	4
SY VOLANTE	9471	7029	13.2	36	2	4	1	1
APB 450311	9272	7018	14.2	28	1	3	1	2
APB ALBERTO	9078	6627	13.8	28	1	3	1	2
SY FORTISSIMO	8976	6659	13.5	34	4	4	1	2
UC DESERT KING	8887	6792	14.2	34	1	3	1	1
APB 471400	8800	6864	12.8	28	1	5	1	4
UC MIWOK	8451	7002	13.5	32	4	5	1	2
UC DESERT KING HP	8272	6055	15.2	38	3	2	1	1
UC 16051 12	7968	6364	14.4	38	3	3	1	1
AS MAESTRALE	7897	6422	13.7	-	8	5	1	1
WB MOHAVE	7797	6849	13.6	34	3	6	2	2
LCS KIKO	7640	6689	14	36	8	3	1	1
UC 16051 25	7581	--	14.3	37	6	3	1	1
WB HAVASU	7504	6490	13.8	34	8	5	1	2
ASC 101	7449	5845	13.6	31	8	5	1	1
AS SARAGOLLA	7301	6062	13.7	-	8	5	2	1
WB MEAD	7287	5760	14.6	36	1	3	1	2
UC 16051 1	7263	5659	16.1	37	6	1	1	2
APB 470442	7225	5621	14.3	35	1	3	1	1
ASC 100	7222	5618	14.5	40	1	4	2	1
APB WESTMORE HP	7075	5812	14.5	-	8	3	1	1
WB ORITA	6944	6324	14.8	36	1	5	1	1
ASC 102	6916	5312	14	-	8	5	1	2
ASC 103	6844	5240	14.8	34	2	6	1	2
APB KRONOS	6812	6132	13.7	-	8	5	1	2
AS COLOMBO	6220	5323	14.7	34	1	4	1	2

Table 2. 2017 Kern County Common Wheat Variety Trial Results.

Cultivar	2018 Grain Yield	3-year Southern San Joaquin Average Yield	Test Weight	Protein	Height	Lodging	Stripe Rust	Barley Yellow	Leaf Rust	Septoria	
<i>Wheat</i>	---- lbs/acre ----		lbs/bu	%	inches		3-year Average				
LCS ATOMO	10447	6205	61.6	13.2	32	1	3	2	1	1	
UC PATWIN 515HP	10216	5554	60.5	14.5	30	1	1	2	1	1	
LCS 12SB0224	10164	6069	61.4	13	36	1	1	3	1	2	
WB 9350	10047	5801	60.3	13.4	27	1	2	2	1	1	
SY SUMMIT 515	9976	6075	61.9	13.6	34	3	1	1	1	1	
SY 314	9927	5677	60.2	13.8	32	1	1	2	1	1	
UC PATWIN 515	9918	5554	58.4	14.3	30	1	1	2	1	1	
SY CAL ROJO	9899	5617	60.5	13.1	28	1	1	3	1	1	
SY BLANCA GRANDE 515	9774	6158	64.6	14.2	32	5	4	1	1	2	
APB 501089	9729	5742	60.3	13.3	30	1	4	3	1	1	
SY REDWING	9703	5689	60.7	13.6	31	1	4	1	1	1	
SY BLANCA ROYALE	9525	5439	61.4	13.1	28	3	4	2	1	2	
UC LASSIK	9435	5325	59.6	13.2	36	5	1	2	1	1	
APB 410117	9402	5950	61.2	13.6	33	5	2	3	1	2	
WB 7566	9333	5385	61.5	13.2	34	5	1	2	1	1	
SY ULTRA	9227	5329	61.4	13.5	29	2	4	2	1	1	
WB 9904	9196	5212	61.7	13	36	3	1	2	1	1	
WB PATRON	9183	5327	60.2	13.9	34	3	1	5	1	1	
WB 9112	8571	5313	63.0	14.5	30	2	2	3	1	1	
ASSL TAM 204	8112	4526	60.0	13.7	44	4	2	1	1	1	
UC YUOK	8028	5448	62.8	13.0	36	5	1	2	1	1	
YECORA ROJO	8010	4815	61.0	14.9	30	8	6	2	1	2	
WB JOAQUIN ORO	8000	5487	62.9	15.4	30	1	3	3	1	2	
LCS STAR	7874	5244	60.2	14.1	31	6	1	2	1	1	
WWW FV 2808	7825	4838	61.2	11.6	36	7	5	4	1	3	
UC ANZA	7583	4619	60.0	12.2	36	5	5	3	2	2	
WB 9229	7533	5090	60.8	14.4	28	1	2	4	1	1	
SY VACA	6520	3214	56.2	13.5	42	5	1	2	1	2	
BAG NEW DIRKWIN	4409	2899	53.1	13.7	43	7	1	2	1	1	
<i>Experimental Lines</i>											
XA 9301	11167	6457	62.3	12.4	38	3	4	2	1	1	
UC 15010 27	10827	6058	61.7	13.9	34	1	1	3	1	1	
XA 9302	10717	6308	63.1	12.7	32	1	4	2	1	1	
APB 500709	10548	6099	61.6	13.4	30	3	3	3	1	2	