

Table 28. 2014 Kern Durum Wheat

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000		Lodging		BYDV 5/1	Xanthamonas 5/1	Black Point	Protein %
				Kernel Wt (g)	Plant Ht (in)	Soft Dough	Harvest				
CULTIVARS											
878	DURAKING	7100 (21)	60.7	42.8	38	1.0	1.3	4.0	1.0	1.0	11.56 (18)
951	KRONOS	6420 (27)	59.3	50.9	42	1.7	1.0	3.3	3.0	2.0	12.07 (8)
1166	CROWN	7180 (18)	58.5	46.1	43	1.0	3.0	2.7	1.7	1.0	11.40 (20)
1210	PLATINUM	7910 (8)	61.7	43.7	37	1.0	1.7	3.3	1.3	1.0	11.70 (16)
1211	TOPPER	6410 (29)	60.7	38.6	43	1.0	1.0	4.0	1.0	1.0	11.30 (23)
1215	ORITA	6650 (24)	59.5	47.3	40	1.0	1.7	2.7	1.0	1.0	12.07 (8)
1375	DESERT KING	8270 (4)	62.1	46.9	40	1.0	1.0	2.0	1.3	1.0	12.50 (4)
1429	FORTISSIMO	5820 (30)	60.0	44.3	39	1.0	1.0	2.7	1.7	1.0	12.57 (3)
1431	VOLANTE	6530 (25)	60.7	51.8	37	1.0	1.0	1.0	1.7	1.5	12.08 (7)
1473	Q-MAX	5670 (31)	57.6	44.0	44	1.0	2.3	4.0	1.3	1.0	11.87 (14)
1479	HAVASU	6460 (26)	61.0	52.0	45	3.0	1.3	3.0	2.0	2.0	12.37 (5)
1484	WESTMORE	8170 (5)	61.3	41.0	37	1.7	1.0	2.7	1.0	1.5	11.26 (25)
1582	MAESTRALE	7100 (20)	62.2	42.1	45	1.0	2.0	4.3	1.0	1.0	11.30 (23)
1583	SARAGOLLA	4400 (33)	61.4	44.3	35	1.0	1.7	4.3	1.0	1.0	11.32 (22)
1585	UC-TIPAI	7770 (13)	62.4	53.9	39	1.0	1.0	3.0	1.0	1.0	11.98 (13)
1607	WB-MEAD	5460 (32)	59.7	45.8	40	1.0	2.7	4.7	1.0	1.0	12.00 (10)
1627	DESERT KING-HP	7500 (16)	60.7	43.1	39	1.0	1.0	2.7	1.3	1.0	11.99 (12)
1640	APB-TIBURON	7790 (11)	61.5	60.1	38	1.0	1.7	2.3	1.7	1.5	11.53 (19)
1654	WB-MOHAVE	7070 (22)	61.6	49.5	39	1.0	3.3	2.7	3.3	1.0	11.82 (15)
1690	UC-MIWOK	7860 (10)	62.9	56.9	40	1.0	2.0	2.3	1.0	1.0	12.16 (6)
ADVANCED LINES											
1655	WB YU807-115	-	-	-	-	-	-	-	-	-	-
1697	LCS KIKO	8470 (1)	61.8	52.4	42	1.0	1.0	1.3	1.0	1.0	10.82 (30)
1698	LCS ATHORIS	8000 (7)	62.3	51.7	40	1.0	1.7	2.3	1.0	1.0	10.30 (33)
1721	LCS ALIRON	7180 (18)	62.9	57.4	41	1.0	1.0	2.0	1.3	1.0	11.24 (26)
1733	WWW D2517	7770 (12)	62.5	46.6	38	1.0	3.3	1.0	1.7	1.5	10.79 (31)
1756	UC 1756	8440 (2)	62.2	49.4	40	1.0	1.0	2.0	1.0	1.0	11.17 (28)
1758	UC 1758	6420 (27)	60.5	50.8	43	4.3	3.7	2.7	1.0	1.0	13.06 (2)
1770	UC 13210-5	7890 (9)	61.8	53.7	39	1.0	1.3	2.3	3.7	1.0	11.07 (29)
1771	UC 13210-21	8440 (2)	63.3	49.1	40	1.0	1.0	1.7	2.0	1.0	11.65 (17)
1776	WWW D2517Bell025	7480 (17)	62.1	50.3	41	2.3	3.0	2.0	1.0	1.0	12.00 (10)
1782	APB 11705	8170 (6)	62.7	44.6	38	1.0	1.3	2.0	2.3	2.0	10.26 (34)
1783	APB 11907	6750 (23)	60.9	45.1	36	1.0	3.7	2.0	3.3	1.5	11.38 (21)
1784	APB 11908	7710 (14)	62.2	44.2	40	1.0	2.0	2.3	2.3	1.5	10.61 (32)
1785	APB 11710	7620 (15)	62.0	43.6	37	1.0	3.0	2.7	3.3	1.0	11.24 (26)
1786	KAMUT	1300 (34)	56.3	55.9	53	7.0	1.0	4.0	1.0	1.0	14.12 (1)
MEAN		7030	61.1	48.2	40	1.4	1.8	2.7	1.6	1.2	11.66
CV		8.35	0.9	6.2	3.8	40.5	96.1	30.4	49.7	26.4	
LSD (0.05)		974.26	0.9	5.0	2.53	1.0	ns	1.4	1.3	0.5	

Rating scale for diseases (area of flag-1 leaf affected), lodging, shatter, blackpoint, and yellowberry: 1 = 0-3%, 2 = 4-14%, 3 = 15-29%, 4 = 30-49%, 5 = 50-69%, 6 = 70-84%, 7 = 85-95%, 8 = 96-100%.

BYDV ratings (see scale above) were based on percentage of plants showing foliar symptoms.

Numbers in parentheses indicate relative rank in column.

Protein is expressed at 12% moisture.