

2012 Kings Durum Wheat Trial

Entry	Name	Yield (lb/acre)	# Reps	Test Wt (lb/bu)	1000	Plant Ht (in)	Lodging		BYDV 4/30	Black Point	Protein %
					Kernel Wt (g)		Soft Dough	Harvest			
<u>CULTIVARS</u>											
878	DURAKING	6740 (11)	3	61.6	42.8	34	1.0	1.3	1.3	1.0	12.69
1166	CROWN	6380 (13)	4	59.4	45.6	40	1.0	1.3	1.0	1.0	13.28
1210	PLATINUM	6120 (18)	4	61.7	43.0	31	1.0	1.5	2.0	1.5	12.99
1211	TOPPER	7860 (1)	4	63.8	43.4	36	1.0	1.3	1.3	1.5	12.36
1375	DESERT KING*	5870 (23)	3		-	32	1.0	1.0	1.0	-	-
1440	HELIOS	6790 (10)	4	62.5	46.1	35	1.0	2.5	1.0	1.5	12.90
1473	Q-MAX	6180 (17)	4	58.8	46.0	39	1.0	1.8	1.8	1.0	13.67
1582	MAESTRALE	5960 (22)	3	63.0	42.6	39	1.0	2.5	1.5	1.0	12.50
1583	SARAGOLLA	5640 (24)	4	62.9	44.8	34	1.0	1.5	1.3	1.0	13.40
1585	TIPAI*	6100 (19)	3		-	36		2.5	1.8	-	-
<u>ADVANCED LINES</u>											
1640	APB D1-2	6360 (14)	4	61.1	56.1	32	1.0	2.3	1.0	1.0	13.38
1690	UC 1690	6850 (9)	4	62.4	50.7	35	1.0	1.0	1.5	1.0	13.11
1691	UC 1691	6990 (8)	4	62.4	47.9	34	1.0	2.3	1.3	1.0	14.00
1695	WWW NDPRD3D13	6420 (12)	4	61.4	40.2	34	1.0	1.5	1.3	1.0	12.62
1696	WWW UT07412	5140 (26)	4	60.0	49.2	33	1.0	2.3	2.0	2.5	13.28
1697	KIKO NICK	7250 (4)	4	62.7	27.1	34	1.0	2.5	1.0	1.0	12.55
1698	05E2844	6350 (15)	4	62.9	47.6	34	1.0	2.3	1.0	1.0	11.74
1717	UC 1717	7160 (6)	4	63.2	49.2	36	1.0	1.8	1.0	1.0	13.49
1718	UC 1718	7220 (5)	4	63.3	50.6	37	1.0	1.5	1.0	1.0	12.91
1719	UC 1719	7280 (3)	4	63.5	50.5	37	1.0	1.8	1.3	1.0	13.07
1720	IMHOTEP	7080 (7)	4	64.7	49.0	37	1.0	2.8	1.0	1.0	11.92
1721	ALIROR	6080 (20)	4	63.5	55.0	35	1.0	1.5	1.3	2.5	12.96
1722	06D2410	6010 (21)	4	61.0	40.1	40	1.8	4.8	1.0	1.0	13.19
1733	WWW D2517	6350 (15)	4	62.0	41.8	32	1.0	1.8	1.0	1.5	13.21
1735	APB CP-1	5250 (25)	3	62.9	42.7	39	1.0	1.8	1.0	1.0	12.91
1736	APB IM-1	7570 (2)	1	62.0	42.8	35	1.0	1.8	1.3	1.0	12.89
MEAN		6510		62.2	45.6	35	1.0	1.9	1.2	1.2	12.96
CV		12.1		0.8	16.3	4.8	29.7	41.2	39.5	25.9	
LSD (.05)		1120		1.0	ns	3	ns	1.1	ns	0.6	

Rating scale for diseases (area of flag-1 leaf affected), lodging, and black point:

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.

*Data was used from adjacent trials under the exact same conditions