

2012 Kern Durum Wheat Trial

Entry	Name	Yield (lb/acre)	Test Wt (lb/bu)	Plant Ht (in)	Lodging	Lodging Harvest	BYDV	Protein %
<u>CULTIVARS</u>								
878	DURAKING	5760 (3)	61.1	35	1.8	6.8	1.0	11.80
1166	CROWN	4650 (18)	56.2	35	2.8	7.8	1.5	12.82
1210	PLATINUM	5050 (10)	62.6	31	1	6.5	1.3	11.56
1211	TOPPER	5480 (8)	62.3	37	3.8	7.5	2.0	10.64
1440	HELIOS	5740 (4)	60.3	34	2.5	7.3	1.0	11.43
1473	Q-MAX	4720 (16)	57.9	33	3.5	7.8	1.0	12.47
1582	MAESTRALE	4770 (15)	61.2	40	7.8	8.0	1.0	11.43
1583	SARAGOLLA	5490 (7)	62.4	36	3.5	7.8	1.5	11.42
<u>ADVANCED LINES</u>								
1640	APB D1-2	4340 (21)	60.8	33	1.3	6.0	1.0	13.58
1690	UC 1690	6080 (1)	62.9	34	2	7.3	1.8	12.40
1691	UC 1691	4920 (12)	62.0	35	7.3	7.8	1.3	13.60
1695	WWW NDPRD3D13	4830 (13)	61.5	29	1	4.3	1.0	12.12
1696	WWW UT07412	4600 (19)	60.5	32	1.5	7.3	1.3	12.19
1697	KIKO NICK	4680 (17)	60.1	35	7.3	8.0	1.0	12.52
1698	05E2844	4080 (22)	60.9	33	3	8.0	1.0	10.91
1717	UC 1717	5580 (5)	62.0	37	5.8	7.8	1.3	12.94
1718	UC 1718	4780 (14)	62.5	38	5.3	7.8	1.3	11.29
1719	UC 1719	4960 (11)	62.5	40	7.3	8.0	1.0	12.13
1720	IMHOTEP	5120 (9)	62.1	35	7.5	8.0	1.3	11.07
1721	ALIROR	4550 (20)	62.9	35	1.5	6.8	1.5	11.11
1722	06D2410	3790 (23)	57.4	37	6.5	7.5	1.5	13.16
1733	WWW D2517	3500 (24)	62.5	31	1	3.8	1.0	11.73
1735	APB CP-1	5540 (6)	61.8	38	7	7.8	1.0	11.99
1736	APB IM-1	6030 (2)	62.6	38	2.5	7.8	1.8	10.43
MEAN		4960	61.2	35	3.9	7.2	1.3	11.95
CV		12.7	1.1	5.6	26.8	11.7	37.6	
LSD (.05)		890	1.3	4	1.5	1.2	ns	

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

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.