

2012 Imperial Durum Wheat Trial

Entry	Name	Yield (lb/acre)	Test Wt (lb/bu)	1000	Plant Ht (in)	Days To		Lodging Harvest	Protein %
				Kernel Wt (g)		Heading	Maturity		
						(From 1/1)			
<u>CULTIVARS</u>									
878	DURAKING	7850 (3)	60.5	34.7	32	82	129	1.0	14.09
1166	CROWN	6800 (29)	58.3	38.3	34	86	132	1.3	14.76
1210	PLATINUM	6680 (30)	60.0	38.5	29	82	127	2.0	14.13
1211	TOPPER	7760 (4)	62.0	36.6	33	86	131	1.0	13.44
1215	ORITA	7570 (10)	60.0	44.1	32	84	130	1.0	14.67
1375	DESERT KING*	7630 (8)	60.7	-	33	86	133	1.0	-
1440	HELIOS	7490 (13)	62.0	43.7	34	78	128	1.5	14.04
1473	Q-MAX	7640 (7)	59.0	34.0	35	85	132	1.0	13.80
1479	HAVASU	7190 (20)	63.0	44.6	33	79	127	1.8	14.19
1582	MAESTRALE	6860 (28)	61.5	35.2	36	85	128	1.8	13.79
1583	SARAGOLLA	7140 (23)	62.8	38.2	34	85	131	2.0	12.87
1607	WB-MEAD	7490 (13)	61.0	37.2	33	84	132	1.0	14.38
1585	TIPAI*	7660 (6)	62.7	-	37	85	132	1.7	-
<u>ADVANCED LINES</u>									
1640	APB D1-2	7320 (18)	60.0	47.9	32	83	130	1.0	14.36
1654	WB YU806-93	7180 (21)	62.0	44.2	35	82	128	1.8	14.23
1677	RS001	7130 (24)	61.8	42.8	35	85	128	1.3	14.69
1678	RS002	7420 (16)	61.8	45.2	34	85	129	1.8	14.71
1690	UC 1690	7600 (9)	62.0	43.8	33	86	131	1.0	14.14
1691	UC 1691	7010 (26)	62.0	45.1	34	85	127	2.5	13.94
1695	WWW NDPRD3D13	7180 (21)	61.3	40.7	32	85	131	1.0	14.69
1696	WWW UT07412	6670 (31)	61.3	50.9	32	80	129	1.5	13.77
1697	KIKO NICK	8310 (1)	61.8	47.3	35	83	130	2.0	13.19
1698	05E2844	7750 (5)	62.3	43.8	34	85	129	1.0	12.88
1709	RS003	7450 (15)	58.3	34.2	33	86	132	1.0	14.64
1717	UC 1717	7550 (11)	61.3	37.4	34	86	130	1.0	14.01
1718	UC 1718	7310 (19)	60.8	38.3	32	86	132	1.0	14.40
1719	UC 1719	7080 (25)	62.3	43.8	34	86	131	1.8	14.10
1720	IMHOTEP	6870 (27)	63.3	44.2	36	81	127	3.0	12.93
1721	ALIROR	8200 (2)	63.8	51.3	35	85	131	1.8	13.15
1722	06D2410	6250 (33)	57.0	35.7	33	100	140	3.3	16.19
1733	WWW D2517	6480 (32)	61.0	36.6	32	81	128	1.5	13.70
1735	APB CP-1	7390 (17)	61.0	48.4	37	87	131	1.3	13.49
1736	APB IM-1	7550 (11)	62.0	37.9	33	86	131	1.0	13.55
MEAN		7300	61.2	41.4	33	84	130	1.5	14.03
CV		5.5	0.9		1.5	1.1	0.8	40.5	
LSD (.05)		560	0.8		1.6	1	1	0.9	

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%.

Numbers in parentheses indicate relative rank in column.

Protein is expressed at 12% moisture.

*Data is from an adjacent trial under the exact same conditions