

2012 Fresno Durum Wheat Trial

Entry	Name	Yield (lb/acre)	Test Wt (lb/bu)	1000		Lodging Harvest 6/18	BYDV 5/21	Stripe Rust 5/21	Powdery Mildew 5/21	Protein %
				Kernel Wt (g)	Plant Ht (in)					
<u>CULTIVARS</u>										
878	DURAKING	7050 (2)	63.6	48.6	37	1.3	1.3	1.3	1.8	10.87
1166	CROWN	5800 (19)	60.9	49.7	42	1.0	1.0	1.0	1.0	11.86
1210	PLATINUM	6150 (14)	63.1	42.9	34	1.0	1.0	1.0	1.5	10.87
1211	TOPPER	6280 (10)	64.4	42.8	39	1.0	1.0	1.0	1.0	10.87
1440	HELIOS	6420 (6)	63.5	48.7	39	1.3	1.0	1.0	1.0	11.04
1473	Q-MAX	5700 (21)	60.7	48.7	43	1.0	1.0	1.0	1.3	11.82
1582	MAESTRALE	4940 (24)	63.9	46.0	40	2.0	1.3	1.0	1.0	11.22
1583	SARAGOLLA	5780 (20)	63.6	46.9	39	1.5	1.3	1.3	1.0	10.84
<u>ADVANCED LINES</u>										
1640	APB D1-2	6320 (9)	62.6	62.1	35	1.0	1.0	1.0	1.0	12.42
1690	UC 1690	6150 (13)	63.6	56.9	38	1.0	1.8	1.0	1.0	11.71
1691	UC 1691	5990 (16)	63.5	49.1	38	1.5	1.8	1.0	1.0	12.60
1695	WWW NDPRD3D13	6000 (15)	63.0	47.5	37	1.0	1.3	1.0	1.0	11.01
1696	WWW UT07412	5090 (23)	62.1	55.3	36	1.3	1.5	1.3	1.0	11.03
1697	KIKO NICK	7050 (1)	63.6	57.5	38	1.0	1.0	1.0	1.0	11.55
1698	05E2844	6390 (7)	63.9	49.9	38	1.8	1.3	1.0	1.0	10.32
1717	UC 1717	6620 (4)	64.0	54.6	39	1.3	1.3	1.0	1.0	11.53
1718	UC 1718	6180 (12)	64.1	50.9	38	1.0	1.0	1.0	1.0	11.31
1719	UC 1719	6620 (5)	65.0	54.3	39	1.0	1.0	1.0	1.0	11.93
1720	IMHOTEP	6850 (3)	64.9	50.7	42	1.5	1.0	1.3	1.0	10.93
1721	ALIROR	6340 (8)	64.8	58.6	38	1.0	1.3	1.0	1.0	10.60
1722	06D2410	6180 (11)	62.8	44.5	39	1.0	1.0	1.0	1.0	11.31
1733	WWW D2517	5990 (17)	64.1	47.0	37	1.8	1.0	1.0	1.0	10.41
1735	APB CP-1	5230 (22)	63.7	47.0	43	1.6	1.3	1.0	1.0	10.12
1736	APB IM-1	5830 (18)	63.5	49.6	37	1.0	1.8	1.0	1.0	10.21
	MEAN	6110	63.5	50.7	38	1.2	1.2	1.0	1.1	11.18
	CV	8.4	0.4	2.6	5	27.2	44.8	19.7	28.8	
	LSD (.05)	720	0.4	2.3	4	0.5	ns	ns	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.