

TABLE 50. 2004 IMPERIAL DURUM WHEAT TEST, REDUCED IRRIGATION

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000		Lodging (harvest)	Days to		BYDV
				Kernel Wt (g)	Plant Ht (in)		Head (from 1/1)	Mature	
<u>CULTIVARS</u>									
819	BRAVADUR	4570 (9)	59.8	42.5	28	3.0	92	130	1.0
878	DURAKING	4170 (20)	62.0	40.4	27	1.8	91	135	1.0
947	KOFA	4400 (13)	61.3	58.0	30	3.5	86	128	1.0
951	KRONOS	3490 (27)	61.3	51.0	28	4.0	86	135	1.0
983	RIA	3760 (26)	60.3	41.4	27	2.3	93	136	1.0
1024	MOHAWK	4260 (17)	62.0	56.8	28	3.8	85	124	1.0
1166	CROWN	4360 (14)	59.8	46.3	30	3.3	91	135	1.0
1179	MATT	4900 (4)	61.5	45.1	30	3.8	85	123	1.0
1210	PLATINUM	4690 (7)	62.3	44.6	27	4.0	86	124	1.0
1211	TOPPER	4660 (8)	61.0	41.1	30	1.3	92	137	1.0
1215	ORITA	5120 (2)	61.0	51.7	28	3.3	88	130	1.0
1253	CANDURA	4330 (15)	60.3	39.6	30	2.8	91	131	1.0
1375	ORO	4710 (6)	60.8	44.1	28	1.5	92	135	1.0
<u>ADVANCED LINES</u>									
1250	YU 895-130	4210 (19)	61.3	37.5	28	3.8	87	123	1.0
1304	WWW D5384-2	4020 (24)	60.3	39.7	30	3.3	90	134	1.0
1425	BZ 898-63	4740 (5)	61.3	45.1	29	2.0	90	135	1.0
1426	YU801-45	4410 (12)	62.5	52.1	30	3.5	84	133	1.0
1429	RSIOO WV50064	5050 (3)	61.0	37.8	29	3.5	90	131	1.0
1434	WWW D8227	5200 (1)	61.5	39.7	30	1.5	92	138	1.0
1435	WWW D8270	4500 (10)	60.0	37.5	26	3.0	91	130	1.0
1436	WWW D9737	4300 (16)	60.5	40.1	29	3.8	91	137	1.0
1439	APB D99-425	4410 (11)	61.5	46.1	28	3.0	85	126	1.3
1440	APB D00-627	3950 (25)	61.5	45.8	30	2.8	83	125	1.0
1441	APB D00-232	4060 (22)	60.0	44.5	31	2.3	85	128	1.0
1442	APB D00GE-5	4250 (18)	61.5	47.1	31	3.5	85	125	1.0
1443	APB D00AZ-248	4040 (23)	60.5	45.4	27	2.3	85	124	1.0
1444	APB D990D-82	4110 (21)	61.0	58.3	30	3.0	84	126	1.3
	MEAN	4390	61.0	45.1	29	2.9	88	130	1.0
	CV	12.8	1.6	-	6.2	24.3	1.6	1.4	13.1
	LSD (.05)	790	1.4	-	3	1.0	2	3	-

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.