

TABLE 50. 2003 IMPERIAL DURUM WHEAT TEST, REDUCED IRRIGATION

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000		Plant Ht (in)	Lodging		Days to		BYDV
				Kernel Wt (g)	Shatter		(soft dough)	(harvest)	Head (from 1/1)	Mature	
<u>CULTIVARS</u>											
112	YECORA ROJO (hrs)	6010 (19)	62.8	43.6	1.0	27	1.0	1.0	86	135	1.3
819	BRAVADUR	5510 (32)	59.8	37.2	1.8	31	1.0	2.3	92	136	1.0
878	DURAKING	6400 (4)	61.5	33.2	1.0	31	1.0	1.8	88	135	1.0
947	KOFA	6370 (5)	62.5	50.4	1.3	30	1.3	2.3	82	135	1.0
951	KRONOS	6510 (3)	62.0	51.4	1.0	32	1.8	2.8	82	130	1.0
983	RIA	5880 (23)	60.8	40.0	1.0	33	1.0	2.0	91	136	1.0
1024	MOHAWK	6590 (2)	62.0	47.2	1.0	31	2.0	3.3	84	130	1.0
1103	DELUXE	6300 (7)	62.3	44.9	1.0	33	1.0	1.8	91	134	1.3
1166	CROWN	5730 (29)	57.8	37.3	1.0	33	1.0	1.8	90	137	1.3
1179	MATT	5750 (28)	61.0	40.1	1.0	31	3.8	4.5	85	132	1.0
1210	PLATINUM	6010 (18)	62.3	38.5	1.0	29	1.0	1.5	85	134	1.0
1211	TOPPER	6340 (6)	62.3	35.4	1.0	34	1.0	1.0	96	141	1.0
1215	ORITA	5780 (26)	58.3	35.2	1.0	31	1.0	1.8	94	140	1.0
1253	CANDURA	5990 (21)	59.8	35.5	1.0	32	1.0	2.0	91	136	1.0
1401	IRIDE	6270 (8)	64.0	44.5	1.0	31	2.0	2.0	87	132	1.3
1402	MERIDIANO	6220 (10)	60.3	43.3	1.0	34	1.3	2.3	90	135	1.0
1403	IONIO	4570 (35)	60.8	40.3	1.0	29	1.0	1.5	100	144	1.0
1404	LIBECCIO	5120 (34)	60.8	41.7	1.0	33	4.0	3.5	93	138	1.0
<u>ADVANCED LINES</u>											
1250	YU 895-130	6120 (13)	62.5	45.0	1.3	31	1.0	2.3	83	131	1.0
1303	WWW D6523	6100 (14)	60.5	44.5	1.3	32	1.0	2.0	86	135	1.0
1304	WWW D5384-2	5790 (25)	58.3	33.2	1.0	32	1.0	2.0	91	134	1.0
1369	WWW D1138	5320 (33)	62.3	35.5	2.0	32	1.3	2.8	88	134	1.0
1371	YU 897-44	6600 (1)	61.8	49.9	1.0	29	1.3	2.3	86	135	1.3
1372	YU 897-60	5920 (22)	63.0	47.8	1.5	32	1.0	1.8	84	131	1.0
1375	UCD 992050023	5870 (24)	57.8	36.9	1.0	33	1.0	1.3	94	140	1.0
1376	APB D99OD-213	6170 (12)	61.8	49.2	1.0	32	1.3	2.8	86	134	1.0
1380	APB D99-224	6000 (20)	60.8	43.4	1.0	31	2.5	3.5	86	135	1.0
1405	GD 007	5520 (31)	63.5	50.1	1.5	34	2.5	2.8	88	130	1.3
1406	UCD 022040010	6060 (15)	62.5	53.2	1.0	30	1.0	1.8	85	135	1.3
1407	UCD 022040012	6050 (17)	63.8	56.4	1.0	27	1.0	1.8	85	135	2.0
1408	UCD 022040019	6190 (11)	62.8	54.0	1.0	33	1.5	2.3	88	134	1.3
1409	APB D99OD-394	5750 (27)	60.5	39.6	1.3	32	1.0	1.5	85	140	1.3
1410	WWW DO1930	6240 (9)	64.3	46.5	1.0	32	1.3	2.0	85	132	1.5
1411	WWW D2515	5640 (30)	62.3	46.6	1.5	33	1.8	2.3	92	135	1.0
1412	WWW D4079	6060 (16)	61.3	36.2	1.0	32	1.0	2.3	91	135	1.0
	MEAN	5960	61.4	43.1	1.1	31	1.4	2.2	88	135	1.1
	CV	6.7	1.8	-	22.6	4.1	41.8	33.7	1.9	1.5	24.2
	LSD (.05)	560	1.5	-	0.4	2	0.8	1.0	2	3	0.4

Numbers in parentheses indicate relative rank in column.

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

Low Irrigation:2003: At planting (12/16) + 2 irrigations (3/10, 4/24); total applied water: 18.84"