

TABLE 49. 2003 IMPERIAL DURUM WHEAT TEST, NORMAL 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)	6050 (34)	61.8	40.8	1.5	30	1.0	2.5	90	143	2.0
819	BRAVADUR	6630 (29)	61.5	42.1	1.0	33	1.0	2.8	97	148	1.5
878	DURAKING	7560 (6)	62.0	44.5	1.0	33	1.0	2.8	95	149	2.0
947	KOFA	7010 (22)	62.3	49.9	1.0	34	3.0	4.5	89	147	2.0
951	KRONOS	7050 (20)	61.5	47.5	1.0	33	3.8	4.5	90	146	1.5
983	RIA	7210 (14)	61.3	41.2	1.0	34	1.0	3.5	97	149	1.8
1024	MOHAWK	7100 (18)	61.5	42.6	1.0	32	3.8	4.3	94	146	1.0
1103	DELUXE	7560 (7)	62.0	46.8	1.3	34	2.3	3.8	93	147	1.0
1166	CROWN	7390 (11)	59.8	47.1	1.0	33	1.0	3.3	96	149	1.3
1179	MATT	6500 (31)	61.3	42.8	1.0	35	6.3	5.0	93	146	1.3
1210	PLATINUM	7700 (3)	62.0	41.3	1.0	30	1.3	4.3	95	147	1.3
1211	TOPPER	7750 (2)	63.3	42.2	1.0	35	1.0	2.0	102	152	1.0
1215	ORITA	7150 (16)	61.3	50.8	1.0	32	1.0	2.3	98	149	1.0
1253	CANDURA	6780 (27)	61.0	46.0	1.0	34	1.0	3.8	98	149	2.5
1401	IRIDE	6810 (26)	62.5	46.2	1.0	36	4.3	4.8	95	147	1.3
1402	MERIDIANO	7520 (8)	61.3	46.7	1.0	34	2.0	4.0	98	148	1.3
1403	IONIO	4960 (35)	59.3	45.7	1.0	33	1.0	2.5	105	152	1.0
1404	LIBECCIO	6470 (32)	60.8	47.4	1.0	32	2.0	5.0	103	151	1.8
<u>ADVANCED LINES</u>											
1250	YU 895-130	6850 (25)	61.8	36.7	1.0	32	1.8	3.8	96	147	2.3
1303	WWW D6523	6910 (24)	60.8	50.5	1.0	33	1.5	4.0	94	148	1.0
1304	WWW D5384-2	7320 (13)	60.5	38.7	1.0	33	2.3	3.8	98	149	1.3
1369	WWW D1138	7010 (23)	63.3	46.6	1.0	36	2.0	3.8	93	146	1.5
1371	YU 897-44	7380 (12)	61.3	45.7	1.0	32	1.3	4.8	94	148	1.5
1372	YU 897-60	7100 (17)	62.3	43.9	1.0	34	1.5	4.3	93	146	2.3
1375	UCD 992050023	8070 (1)	61.8	47.9	1.0	33	1.0	2.3	100	150	1.0
1376	APB D99OD-213	7490 (9)	61.5	44.5	1.0	34	2.8	4.5	92	148	1.5
1380	APB D99-224	6580 (30)	61.0	43.1	1.0	35	4.5	4.8	93	148	1.3
1405	GD 007	6710 (28)	62.5	44.0	1.0	38	7.3	5.3	92	146	1.3
1406	UCD 022040010	7570 (5)	62.5	48.0	1.0	32	1.0	3.8	92	147	1.5
1407	UCD 022040012	7450 (10)	63.0	56.1	1.0	31	1.0	4.0	91	148	1.3
1408	UCD 022040019	7690 (4)	62.5	55.1	1.0	34	1.8	4.3	95	149	1.5
1409	APB D99OD-394	6180 (33)	60.8	41.4	1.0	33	1.0	3.0	97	152	2.0
1410	WWW DO1930	7020 (21)	64.3	42.4	1.0	35	1.0	3.8	95	149	1.8
1411	WWW D2515	7180 (15)	63.0	47.8	1.0	34	2.5	4.3	98	148	1.8
1412	WWW D4079	7090 (19)	62.3	43.7	1.0	32	1.0	3.3	99	151	1.0
	MEAN	7050	61.7	45.3	1.0	33	2.1	3.8	95	148	1.5
	CV	5.6	1.0	-	18.6	4.3	24.9	14.7	1.7	1.0	42.1
	LSD (.05)	560	0.9	-	ns	2	0.7	0.8	2	2	0.9

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.

Normal Irrigation: 2003: At planting (12/16) + 4 irrigations (1/14, 3/10, 4/10, 5/2); total applied water: 24.95"