

TABLE 49. 2004 IMPERIAL DURUM WHEAT TEST, NORMAL IRRIGATION

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000		Lodging		Days to		BYDV
				Kernel Wt (g)	Plant Ht (in)	soft dough	harvest	Head (from 1/1)	Mature	
CULTIVARS										
819	BRAVADUR	4960 (21)	59.8	37.4	34	2.5	5.0	94	139	1.0
878	DURAKING	6680 (1)	61.5	31.0	31	1.0	3.0	92	139	1.0
947	KOFA	5230 (18)	59.3	43.0	34	1.5	4.3	92	136	1.8
951	KRONOS	5100 (20)	58.5	36.4	32	4.5	5.5	92	137	1.0
983	RIA	5380 (12)	60.5	38.2	34	1.3	4.3	96	139	1.3
1024	MOHAWK	5280 (15)	60.0	39.7	33	2.3	5.3	92	137	1.0
1166	CROWN	5240 (17)	59.0	39.4	34	1.0	3.5	93	139	2.3
1179	MATT	4890 (24)	59.8	42.7	34	7.0	6.0	91	138	1.3
1210	PLATINUM	4100 (27)	61.3	28.2	31	1.0	4.8	94	136	1.8
1211	TOPPER	6360 (3)	61.5	38.1	35	1.0	2.0	98	143	1.0
1215	ORITA	5730 (7)	59.0	39.6	33	1.0	2.5	95	142	1.3
1253	CANDURA	5820 (6)	59.8	35.6	35	1.5	4.0	94	139	1.0
1375	ORO	5400 (11)	58.8	42.9	36	1.0	2.5	99	142	1.3
ADVANCED LINES										
1250	YU 895-130	5460 (9)	60.5	32.2	32	1.0	4.5	92	136	1.5
1304	WWW D5384-2	4430 (26)	58.3	31.4	33	1.0	4.5	95	137	3.0
1425	BZ 898-63	5450 (10)	61.5	39.2	33	1.0	2.8	92	140	1.5
1426	YU801-45	6070 (4)	60.0	42.1	34	1.3	4.8	91	138	1.0
1429	RSIOOWV50064	5330 (14)	59.8	34.7	31	1.0	3.3	93	138	1.0
1434	WWW D8227	5690 (8)	61.8	37.6	35	1.0	1.8	98	142	1.5
1435	WWW D8270	5140 (19)	60.0	34.8	32	4.0	5.0	94	138	1.0
1436	WWW D9737	4450 (25)	56.8	30.5	32	1.0	4.8	99	137	1.0
1439	APB D99-425	5270 (16)	60.0	38.0	34	1.0	3.8	91	136	1.0
1440	APB D00-627	5330 (13)	60.5	41.2	35	1.0	4.0	89	136	1.0
1441	APB D00-232	6420 (2)	61.5	43.2	36	1.0	3.3	90	137	1.0
1442	APB D00GE-5	4960 (22)	60.8	35.3	37	4.8	5.5	89	136	1.3
1443	APB D00AZ-248	5860 (5)	60.5	39.4	31	1.0	4.0	91	138	1.0
1444	APB D990D-82	4940 (23)	59.5	45.0	33	1.0	4.5	89	135	1.8
	MEAN	5370	60.0	37.6	33	1.8	4.0	93	138	1.3
	CV	9.6	2.2	-	5.1	43.3	15.5	1.3	0.5	48.4
	LSD (.05)	720	1.9	-	2	1.1	0.9	2	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%.

BYDV ratings (see scale above) were based on percentage of plants showing foliar symptoms.

Numbers in parentheses indicate relative rank in column.