

TABLE 36. 2007 UC DAVIS DURUM WHEAT TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000		Shatter	Black Point	Plant Ht (in)	Lodging		Days to		BYD	Stripe Rust
				Kernel Wt (g)					soft dough	harvest	Head (from 3/1)	Mature		
<u>CULTIVARS</u>														
878	DURAKING	7000 (11)	64.9	47.2	1.0	1.0	36	1.0	1.0	39	78	1.3	1.8	
951	KRONOS	6420 (19)	63.6	55.6	1.0	1.0	37	1.5	2.5	34	77	1.0	3.5	
1024	MOHAWK	6650 (15)	64.3	53.0	1.0	1.0	35	1.3	2.0	36	78	1.0	2.3	
1166	CROWN	7130 (7)	62.9	55.3	1.0	1.0	39	1.0	1.0	37	82	1.3	1.0	
1210	PLATINUM	7610 (2)	65.3	48.8	1.0	1.0	34	1.0	1.0	37	79	1.0	1.0	
1211	TOPPER	6980 (12)	64.6	42.7	1.0	1.0	38	1.0	1.0	39	83	1.3	1.0	
1375	DESERT KING	7190 (6)	65.1	49.5	1.0	1.0	37	1.0	1.0	41	83	1.0	1.0	
1429	RSI 64	7320 (3)	63.7	47.5	1.0	1.0	35	1.0	1.0	39	81	1.0	1.0	
1430	RSI 59	7250 (5)	64.5	50.0	1.0	1.0	36	1.0	1.0	40	83	1.0	1.8	
1473	Q-MAX	7030 (9)	63.2	50.8	1.0	1.0	39	1.0	1.0	39	81	1.3	1.0	
1582	MAESTRALE	6580 (16)	64.8	56.3	1.0	1.0	39	1.0	1.3	36	78	1.3	1.0	
1583	SARGOLLA	7280 (4)	65.4	49.4	1.0	1.0	37	1.0	1.0	36	79	1.3	2.0	
1584	SEVEVO	6910 (13)	64.7	47.5	1.0	1.0	39	1.0	2.3	37	78	1.3	1.0	
<u>ADVANCED LINES</u>														
1431	RSI EXP 14	7040 (8)	65.2	54.3	1.0	1.0	34	1.0	1.0	37	80	1.0	1.0	
1467	WB YU803-11	7000 (10)	64.7	52.9	1.0	1.0	37	1.0	1.0	37	82	1.0	1.0	
1503	UC 1503	7610 (1)	66.2	53.7	1.0	1.0	43	1.0	1.0	38	82	1.8	1.0	
1509	WB YU803-1	6140 (23)	64.2	46.1	1.0	1.0	36	1.0	1.0	39	81	2.3	1.0	
1540	WB DA 804-7	6300 (21)	64.2	58.0	1.0	1.0	37	1.0	1.0	38	80	1.5	1.8	
1541	WB DA 804-81	6420 (18)	65.1	58.4	1.5	1.0	35	1.0	1.3	30	77	1.5	2.5	
1563	UCD 06222/30	6240 (22)	64.1	59.0	1.0	1.0	33	1.0	1.0	39	80	2.3	4.3	
1564	UCD 06222/33	6080 (25)	64.6	56.6	1.0	1.0	35	1.0	1.0	42	83	1.5	2.8	
1565	WWW D1636	6440 (17)	64.5	44.8	1.0	1.0	42	1.5	1.5	37	79	1.5	4.0	
1566	APB D01AZ-486	6100 (24)	64.9	54.8	1.0	1.0	36	1.0	1.0	37	78	1.3	2.5	
1567	APB D02AZ-152	5600 (26)	63.2	57.1	1.0	1.0	38	1.0	1.5	36	78	1.5	2.3	
1568	APB D02GE-72	6310 (20)	64.0	50.9	1.0	1.0	33	1.0	1.0	37	79	1.8	3.0	
1581	UCD 06201/1	6860 (14)	65.5	55.1	1.0	1.0	35	1.0	1.0	40	83	1.5	2.3	
	MEAN	6750	64.5	52.1	1.0	1.0	36	1.0	1.2	37	80	1.3	1.9	
	CV	4.9	0.9	3.6	11.1	-	3.2	17.7	30.0	2.7	1.5	44.9	24.1	
	LSD (.05)	460	1.2	3.9	0.2	-	2	0.3	0.5	2	2	-	0.6	

Rating scale for diseases (area of flag-1 leaf affected), lodging, shatter and black point: 1 = 0-3%, 2 = 4-14%, 3 = 15-29%, 4 = 30-49%, 5 = 50-69%, 6 = 70-84%, 7 = 85-95%, 8 = 96-100%.

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

Numbers in parentheses indicate relative rank in column.