

## 2012 Davis Durum Wheat Trial

Entry	Name	Yield (lb/acre)	Test Wt (lb/bu)	1000	Plant Ht (in)	Days To		Lodging	Shatter	Stripe Rust		BYDV 5/4	Black Point	Protein %	
				Kernel Wt (g)		Heading	Maturity	Harvest		5/4	5/16				
<u>CULTIVARS</u>															
878	DURAKING	5750 (6)	63.5	48.2	33	47	86	1.0	1.0	1.0	1.0	1.5	1.0	9.00	
1166	CROWN	6050 (3)	62.0	53.3	38	50	91	1.0	1.0	1.0	1.0	2.5	1.0	8.11	
1210	PLATINUM	5320 (13)	63.4	49.0	32	42	81	1.0	1.0	1.0	1.0	1.0	1.0	9.33	
1211	TOPPER	5940 (4)	64.5	46.7	38	48	85	1.3	1.3	1.3	1.5	2.3	1.0	9.53	
1440	HELIOS	5470 (11)	63.8	51.0	38	39	84	1.5	1.0	1.3	1.3	1.3	1.5	8.43	
1473	Q-MAX	6350 (2)	61.5	53.0	40	51	90	1.0	1.0	1.0	1.0	1.8	1.0	7.82	
<u>ADVANCED LINES</u>															
1640	APB D1-2	4290 (20)	62.4	64.1	33	45	84	1.0	1.0	1.0	1.0	3.0	1.0	10.23	
1690	UC 1690	5510 (10)	63.8	61.3	37	49	84	1.0	1.0	1.0	1.0	2.0	1.0	8.69	
1691	UC 1691	4660 (19)	62.0	49.9	36	47	83	1.0	1.0	1.0	1.0	1.5	1.0	10.78	
1695	WWW NDPRD3D13	5720 (7)	63.1	52.5	36	50	88	1.0	1.0	1.0	1.0	1.5	1.0	8.54	
1696	WWW UT07412	5000 (16)	63.2	59.8	34	40	84	1.3	1.0	1.0	1.3	2.0	1.5	8.76	
1697	KIKO NICK	5440 (12)	62.8	57.8	36	48	87	1.0	1.0	1.0	1.0	1.8	1.0	9.79	
1698	05E2844	5680 (8)	63.9	54.8	35	47	85	1.0	1.0	1.0	1.3	2.5	1.0	9.23	
1717	UC 1717	5310 (14)	63.1	57.2	39	48	85	1.0	1.3	1.0	1.0	1.3	1.5	10.37	
1718	UC 1718	5190 (15)	63.7	52.3	36	48	86	1.0	1.0	1.0	1.0	1.8	1.0	9.13	
1719	UC 1719	4710 (18)	64.6	55.8	39	45	86	1.0	1.5	1.0	1.0	2.8	1.5	8.54	
1720	IMHOTEP	5530 (9)	63.9	50.4	37	48	85	1.3	1.0	1.5	2.5	1.3	1.0	9.62	
1721	ALIROR	4850 (17)	63.0	60.0	37	48	88	1.0	1.0	1.0	1.0	1.8	1.5	9.31	
1722	06D2410	6550 (1)	62.7	50.0	41	57	95	1.3	1.0	1.0	1.0	1.0	1.0	7.03	
1733	WWW D2517	5770 (5)	64.2	49.7	34	46	85	1.0	1.0	1.0	1.0	1.3	1.0	7.54	
MEAN		5450	63.3	53.8	36	47	86	1.1	1.1	1.1	1.1	1.8	1.1	8.99	
CV		8.6	0.5	2.2	3.1	3.9	1.9	23.2	19.5	19.1	31.9	39.2	30.8		
LSD (.05)		660	0.6	2.5	2	3	2	ns	ns	ns	0.5	1.0	ns		

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%.

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

Numbers in parentheses indicate relative rank in column.

Protein is expressed at 12% moisture.