

2010 Durum Wheat – Continuously Cropped - No-till

Hettinger

Variety	Days to Head	Plant Height	Test Weight	Grain Protein	---- Grain Yield ----			Average Yield	
	*	inches	lbs/bu	%	2008	2009	2010	2 yr	3 yr
					----- Bushels per acre -----				
AC Commander	73	29	58.7	14.4	45.1	51.7	81.7	66.7	59.5
AC Navigator	72	31	59.7	14.3	37.5	52.6	77.9	65.2	56.0
DG Max	72	34	60.6	14.8	26.5	50.6	77.2	68.9	54.8
Maier	72	33	59.8	15.1	31.0	52.3	80.4	66.4	54.6
Lebsock	71	33	60.0	13.9	33.8	51.1	77.4	64.2	54.1
Grenora	73	32	59.8	14.5	33.3	48.4	77.6	63.0	53.1
Wales	72	34	62.3	14.6	25.9	48.1	85.4	66.8	53.1
Alkabo	72	32	59.5	14.0	30.3	52.0	75.5	63.8	52.6
Dilse	74	34	60.3	15.0	28.4	49.8	79.3	64.6	52.5
DG Star	68	33	59.7	14.3	37.1	43.6	74.9	59.2	51.9
Mountrail	72	33	59.7	14.2	23.2	50.7	81.4	66.0	51.8
Grande Doro	72	34	60.2	14.2	28.1	50.0	77.0	63.5	51.7
Divide	74	34	59.8	14.6	30.3	46.9	77.5	62.2	51.6
Strongfield	73	34	58.8	15.1	32.2	43.0	79.5	61.2	51.6
Tioga	73	35	59.6	15.1	31.6	47.7	74.8	61.2	51.4
Alzada	68	30	58.1	14.5	39.1	39.4	74.6	57.0	51.0
Ben	73	36	60.0	13.8	28.2	48.0	76.2	62.1	50.8
Pierce	72	34	61.0	14.3	27.5	46.7	75.6	61.2	49.9
Rugby	70	36	59.6	14.4	27.3	33.1	71.8	52.4	44.1
Westhope	71	33	60.6	15.0		49.6	79.8	64.7	
CDC Verona	74	33	59.5	15.2			80.5		
Trial Mean	72	34	60.2	14.3	31.8	48.6	79.8	--	--
C.V. %	1.0	4.6	1.5	3.7	11.6	7.2	4.4	--	--
LSD .05	1	2	1.2	0.7	5.1	4.9	4.9	--	--
LSD .01	1	3	1.6	1.0	6.8	6.4	6.5	--	--

* Days to Head = the number of days from planting to head emergence from the boot.

Planting Date: April 19

Harvest Date: August 12

Seeding Rate: 1.25 million live seeds / acre (approx. 2.2 bu/A).

Previous Crop: 2007 = hrsw, 2008 = field pea, 2009 = canola.

Note: The 2009 trial sustained moderate hail damage.

The 2008 trial sustained late season heat and moisture stress.