

2011 Durum Variety Trial at Hettinger

Variety	Days to	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Head	Height	Weight	Protein	2009	2010	2011	2 yr	3 yr
	*	inches	lbs/bu	%	----- Bushels per acre -----				
Wales	66	38	55.8	15.2	48.1	85.4	39.0	62.2	57.5
Westhope	66	38	55.7	14.8	49.6	79.8	43.1	61.4	57.5
Maier	67	34	54.5	16.0	52.3	80.4	34.4	57.4	55.7
AC Commander	67	29	54.0	15.1	51.7	81.7	33.5	57.6	55.6
DG Max	66	39	56.8	15.7	50.6	77.2	39.0	58.1	55.6
Mountrail	67	38	54.4	15.0	50.7	81.4	34.5	58.0	55.5
Dilse	67	37	53.3	16.4	49.8	79.3	34.7	57.0	54.6
Grande D'oro	66	38	56.0	15.0	50.0	77.0	36.2	56.6	54.4
Lebsock	66	37	55.9	15.0	51.1	77.4	33.7	55.6	54.1
Alkabo	67	37	55.5	14.8	52.0	75.5	34.8	55.2	54.1
Ben	66	37	55.9	15.2	48.0	76.2	37.2	56.7	53.8
Grenora	66	35	53.3	15.2	48.4	77.6	34.6	56.1	53.5
Pierce	67	39	56.7	15.0	46.7	75.6	35.9	55.8	52.7
AC Navigator	68	30	54.3	15.2	52.6	77.9	26.4	52.2	52.3
Divide	67	38	55.2	15.7	46.9	77.5	30.5	54.0	51.6
DG Star	65	36	53.6	15.9	43.6	74.9	32.8	53.8	50.4
Strongfield	67	37	53.1	16.5	43.0	79.5	28.0	53.8	50.2
Tioga	68	38	54.3	16.0	47.7	74.8	28.1	51.4	50.2
Rugby	64	39	55.2	14.9	33.1	71.8	40.1	56.0	48.3
Alzada	64	32	51.8	15.5	39.4	74.6	28.9	51.8	47.6
CDC Verona	67	39	52.8	15.6		80.5	35.2	57.8	
WB Belfield	62	27	52.7	14.8			32.7		
Trial Mean	66	37	55.4	15.0	48.6	79.8	37.7	--	--
C.V. %	1.1	5.1	1.8	2.0	7.2	4.4	5.7	--	--
LSD 5%	1	3	1.4	0.4	4.9	4.9	3.0	--	--
LSD 1%	1	4	1.9	0.6	6.4	6.5	4.0	--	--

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

Planting Date: May 2

Harvest Date: August 18

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

Previous Crop: 2008 & 2010 = field pea, 2009 = canola.

Note: The 2009 trial sustained moderate hail damage. The 2011 trial sustained heat stress and a moderate infection of barley yellow dwarf causing lower test weights and grain yields.