

2009 Durum Wheat – Continuously Cropped - No-till

Hettinger

Variety	Days to Head	Plant Height	Sawfly **	Test Weight	Grain Protein	---- Grain Yield ----			Average Yield	
	*	inches	%	lbs/bu	%	2007	2008	2009	2 yr	3 yr
----- Bushels per acre -----										
AC Commander	64	35	2	55.7	14.1	43.3	45.1	51.7	48.4	46.7
AC Navigator	65	36	2	57.7	14.0	37.1	37.5	52.6	45.0	42.4
Maier	64	36	10	57.0	14.3	40.6	31.0	52.3	41.6	41.3
Alkabo	64	36	5	56.6	13.2	37.5	30.3	52.0	41.2	39.9
Alzada	62	35	5	54.0	14.3	40.7	39.1	39.4	39.2	39.7
Grenora	66	36	4	55.2	12.6	36.9	33.3	48.4	40.8	39.5
DG Star	64	38	1	54.2	13.6	37.6	37.1	43.6	40.4	39.4
Ben	63	38	10	58.3	13.9	40.1	28.2	48.0	38.1	38.8
Dilse	65	37	9	56.6	14.3	37.7	28.4	49.8	39.1	38.6
Mountrail	65	38	1	54.9	14.0	38.4	23.2	50.7	37.0	37.4
Pierce	64	38	8	58.6	13.5	36.3	27.5	46.7	37.1	36.8
Divide	66	37	1	56.0	12.7	30.7	30.3	46.9	38.6	36.0
AC Napoleon	62	38	6	55.1	14.1	33.7	25.9	46.2	36.0	35.3
Rugby	67	41	2	53.2	14.1	30.1	27.3	33.1	30.2	30.2
Lebsock	64	36	3	57.6	13.2		33.8	51.1	42.4	
Grande Doro	66	38	2	55.5	14.1		28.1	50.0	39.0	
DG Max	62	38	8	57.5	13.8		26.5	50.6	38.6	
Strongfield	63	36	4	53.9	13.5		32.2	43.0	37.6	
Wales	64	35	3	56.4	13.3		25.9	48.1	37.0	
Westhope	62	36	3	57.2	15.2			49.6		
Trial Mean	64	37	6	56.5	14.0	36.6	31.8	48.6	--	--
C.V. %	2.9	6.1	53	2.4	--	13.0	11.6	7.2	--	--
LSD .05	2	3	5	1.9	--	6.6	5.1	4.9	--	--
LSD .01	3	4	6	2.5	--	8.8	6.8	6.4	--	--

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

** Sawfly: Approximate % of stems cut off (lodged) from wheat stem sawfly.

Planting Date: May 5

Harvest Date: August 29

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

Previous Crop: 2008 = field pea, 2007 & 2006 = hrsw.

Note: The 2009 trial sustained moderate hail damage on June 22 and 24 (early boot stage).

The 2008 trial sustained late season heat and moisture stress.