

## Durum Variety - 2006

Burke County, Powers Lake/Flaxton

Cultivar	Plant Height in	1000 KWT gms	Test Weight lbs/bu	Grain Protein %	Grain Yield			
					2003*	2005	2006	3 yr avg
					----- bu/ac -----			
					----- bu/ac -----			
AC Avonlea	30	30.0	59.9	15.8	47.8	78.8	37.6	54.7
AC Napoleon	28	30.7	58.4	15.4	51.9	93.6	32.9	59.5
AC Navigator	23	30.4	60.4	14.7	--	--	36.3	--
Alkabo	28	27.4	59.6	16.6	--	83.9	37.0	--
Alzada	24	31.6	59.1	15.0	--	50.2	33.5	--
Ben	29	32.2	60.9	15.5	43.1	82.8	35.2	53.7
Commander	24	30.4	60.0	15.1	--	--	39.4	--
Dilse	27	27.8	59.1	17.2	50.9	72.1	29.5	50.8
Divide	27	28.2	59.9	15.4	--	82.6	33.5	--
Grande D'Oro	26	29.3	60.5	16.1	--	85.0	32.5	--
Grenora	26	27.9	59.8	15.0	53.3	87.3	36.3	59.0
Kyle	31	29.9	60.1	14.1	50.3	72.6	34.9	52.6
Lebsock	29	26.9	59.8	16.1	49.6	88.6	33.5	57.2
Maier	27	26.0	59.2	17.4	51.2	82.4	34.3	56.0
Mountrail	26	26.1	58.0	16.1	53.8	90.5	38.0	60.8
Pierce	29	25.8	59.9	16.4	51.9	93.1	33.4	59.5
Primo D'Oro	30	28.5	60.6	14.9	--	71.3	29.5	--
Strongfield	28	29.2	59.0	16.3	--	--	32.8	--
Mean	27	28.8	59.7	15.7	50.1	80.7	34.4	--
CV%	6	3.0	1.3	5.5	9.2	7.5	9.4	--
LSD 0.05	3	1.8	NS	NS	6.7	10.0	5.4	--

Planting Date: May 12 notill into field pea stubble

Harvest Date: August 11

Grain protein percentages reported on a 12% moisture basis

\* 2003, 2005, 2006 yields used for 3 yr average

Durum Variety - 2006					Divide County, Crosby			
Cultivar	Plant Height	1000 KWT	Test Weight	Grain Protein	Grain Yield			3 yr avg
					2004	2005	2006	
	in	gms	lbs/bu	%	bu/ac			bu/ac
AC Avonlea	33	38.0	61.8	13.1	58.3	72.8	41.4	57.5
AC Napoleon	33	40.1	58.7	12.2	54.0	77.3	38.5	56.6
AC Navigator	27	38.2	60.9	12.9	--	--	41.3	--
Alkabo	30	38.1	61.6	10.8	65.4	75.9	43.6	61.6
Alzada	28	44.1	61.9	11.3	--	--	39.4	--
Ben	32	40.1	61.4	13.6	59.3	77.8	41.5	59.5
Commander	29	37.2	62.5	12.1	--	--	45.5	--
Dilse	30	39.4	61.0	12.4	64.5	77.9	39.0	60.5
Divide	32	35.0	61.0	13.4	--	85.7	39.4	--
Grande D'Or	30	35.2	58.1	12.4	--	79.3	34.2	--
Grenora	30	36.5	61.9	11.6	66.2	80.8	43.8	63.6
Kyle	34	37.0	61.5	13.8	55.7	68.5	40.0	54.7
Lebsock	32	41.1	62.6	10.9	67.6	76.4	43.4	62.5
Maier	32	35.4	60.5	14.4	64.8	83.0	44.4	64.1
Mountrail	31	35.7	61.4	10.9	68.3	85.1	44.6	66.0
Pierce	33	33.1	60.4	13.5	61.0	79.9	42.2	61.0
Primo D'Oro	34	37.9	60.4	13.5	--	77.6	42.6	--
Strongfield	29	35.5	61.4	13.0	--	--	39.5	--
EXP MEAN	31	37.6	61.0	12.5	61.7	77.5	41.3	--
C.V. %	4	8.1	1.2	12.2	11.8	8.3	7.5	--
LSD 5%	2	NS	1.6	NS	NS	10.7	5.1	--

Planting Date: May 11 notill into durum stubble

Harvest Date: August 12

Grain protein percentages reported on a 12% moisture basis

Durum Variety - 2006 McKenzie County

Cultivar	Plant Height in	1000 KWT gms	Test Weight lbs/bu	Grain Protein %	Grain Yield		
					2004	2005	2006
					----- bu/ac -----		
AC Avonlea	34	34.8	59.9	14.2	48.5	48.8	34.9
AC Napoleon	33	36.0	57.7	14.4	48.2	44.1	34.2
AC Navigator	28	35.9	60.4	13.6	--	--	38.1
Alkabo	33	35.0	60.9	12.9	48.2	52.2	40.1
Alzada	28	35.5	59.7	14.3	--	52.2	34.0
Ben	32	33.6	60.7	13.6	48.3	51.1	35.5
Commander	29	32.9	59.2	14.5	--	--	37.0
Dilse	32	32.3	59.7	14.5	47.5	46.7	31.9
Divide	33	34.4	58.8	13.3	--	53.6	36.5
Grande D'Oro	28	32.8	58.6	14.3	--	60.5	33.1
Grenora	31	31.9	58.6	13.7	42.1	54.2	42.1
Kyle	35	31.4	58.8	14.9	43.4	41.8	35.8
Lebsock	31	33.6	61.3	12.7	55.2	53.8	34.6
Maier	32	35.1	60.0	13.6	52.5	56.6	39.8
Mountrail	32	31.5	58.9	13.4	49.6	53.7	37.4
Pierce	32	30.8	60.8	11.8	48.7	54.3	39.9
Primo D'Oro	35	33.7	60.2	14.8	--	48.6	33.2
Strongfield	32	31.4	59.4	14.3	--	--	38.1
Mean	32	33.5	59.6	13.8	48.3	51.9	36.5
CV%	5	5.6	1.3	7.2	7.7	10.3	9.2
LSD 0.05	3	NS	1.6	NS	NS	8.9	5.6

Planting Date: May 9 notill into chemically fallowed land

Harvest Date: August 4

Grain protein percentages reported on a 12% moisture basis

, Arnegard

3 yr avg bu/ac
44.1
42.2
--
46.8
--
45.0
--
42.0
--
--
46.1
40.3
47.9
49.6
46.9
47.6
--
--
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## Durum Variety - 2006

Mountrail County, Parshall/I

Cultivar	Plant Height in	1000 KWT gms	Test Weight lbs/bu	Grain Protein %	Grain Yield		
					2004	2005	2006
					----- bu/ac -----		
AC Avonlea	29	28.8	58.9	16.3	46.4	41.4	28.2
AC Napoleon	28	29.9	57.3	16.9	76.4	36.2	25.7
AC Navigator	25	29.9	60.5	16.5	--	--	26.5
Alkabo	29	28.9	59.9	16.0	80.7	38.1	28.5
Alzada	26	32.9	59.5	14.6	--	37.7	29.1
Ben	27	30.6	60.6	16.4	67.7	43.6	26.4
Commander	24	31.5	59.4	15.0	--	--	33.1
Dilse	27	26.7	58.6	18.0	67.0	34.5	25.2
Divide	28	28.4	59.7	16.4	--	32.4	27.6
Grande D'Oro	26	31.2	60.2	15.3	--	37.2	28.4
Grenora	26	25.3	58.4	16.7	76.5	42.4	29.2
Kyle	29	29.5	59.8	16.1	58.6	33.6	28.4
Lebsock	30	28.4	60.0	15.5	77.8	38.3	27.3
Maier	27	27.5	58.6	16.7	79.7	39.5	24.4
Mountrail	28	26.0	57.5	16.6	79.6	41.4	29.7
Pierce	28	26.7	59.6	16.1	77.1	32.8	26.0
Primo D'Oro	30	28.1	59.9	16.8	--	34.4	26.6
Strongfield	27	28.1	57.0	16.9	--	--	25.4
Mean	27	28.8	59.2	16.2	72.3	37.0	27.5
CV%	5	5.3	1.2	4.8	9.6	11.0	7.5
LSD 0.05	3	3.2	1.5	NS	11.5	6.7	3.4

Planting Date: May 10 notill into field pea stubble

Harvest Date: August 7

Grain protein percentages reported on a 12% moisture basis

New Town

3 yr avg bu/ac
38.7
46.1
--
49.1
--
45.9
--
42.2
--
--
49.4
40.2
47.8
47.9
50.2
45.3
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