

## 2005 Durum - Alfalfa burn down

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	----- Grain Yield-----			Returns \$/ac	Average Yield	
						2003	2004	2005		2	3
						-----bu/ac-----			----bu/ac----		
AC Avonlea	67	14,228	35	56.3	15.5	61.4	30.0	49.2	157.04	49.2	46.9
AC Navigator	70	13,064	33	59.0	14.3	--	27.1	45.8	156.68	45.8	--
Alzada	67	14,280	31	55.5	14.7	--	23.2	43.0	128.27	43.0	--
Belzer	71	13,378	39	55.6	14.7	55.9	26.9	51.4	163.15	51.4	44.7
Ben	69	11,822	38	57.3	15.1	55.6	28.6	47.7	159.42	47.7	44.0
Alkabo	69	12,602	35	58.0	14.1	57.9	33.5	47.4	160.71	47.4	46.3
Divide	70	12,958	36	57.6	15.0	60.3	27.3	50.3	166.71	50.3	45.9
Grenora	68	12,600	32	56.5	14.7	61.4	30.1	50.2	162.24	50.2	47.2
Dilse	70	13,469	35	57.3	15.4	55.5	35.4	47.3	155.77	47.3	46.1
Grande Doro	70	12,914	37	58.8	15.5	--	--	46.1	158.04	--	--
Lebsock	68	13,259	34	58.6	14.7	56.0	28.7	48.6	166.21	48.6	44.4
Maier	67	13,245	33	56.9	14.8	60.6	28.1	51.3	167.74	51.3	46.7
Mountrail	70	14,478	34	56.5	15.1	56.2	32.1	48.5	155.27	48.5	45.6
Munich	68	16,332	34	54.4	15.9	56.6	30.5	45.6	137.30	45.6	44.2
Pierce	69	15,264	36	57.0	15.8	58.0	31.0	49.6	162.06	49.6	46.2
Plaza	70	14,888	31	55.9	15.3	56.4	28.0	47.3	149.04	47.3	43.9
Primo D'Oro	66	13,537	44	56.9	17.3	--	30.1	44.9	147.28	44.9	--
Renville	66	13,185	37	55.4	15.1	48.9	28.1	41.9	131.21	41.9	39.6
Rugby	68	14,176	37	57.5	14.4	53.3	29.9	41.0	136.00	41.0	41.4
Trial Mean	69	13,754	36	56.7	15.1	56.7	28.8	47.3	153.32	--	--
CV %	1.3	5.6	7.7	2.1	5.5	8.0	14.3	8.8	10.7	--	--
LSD 0.05	1	1,076	4	1.7	1.7	6.4	5.8	5.81	22.86	--	--

Planting Date: April 22, 2005

Harvest Date: August 19, 2005

Previous Crop: Alfalfa burn down

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2005 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 6. The price paid on this date was \$3.30/bu, assuming a minimum test weight of 60 lb/bu. Grain was discounted \$.02/bu for each 0.5 lb reduction in test weight between 60 and 58 lb/bu, \$.04/bu per 0.5 lb reduction between 58 and 54 lb/bu, and \$0.05/bu per 0.5 lb/bu reduction between 54 and 50 lb/bu.