

## 2004 Oat - 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 -----	
						2002 -----bu/ac-----	2003 -----bu/ac-----	2004 -----bu/ac-----		2 Year	3 Year
AC Assiniboia	80	12,609	24	35.9	14.8	68.6	103.8	55.9	63.12	79.9	76.1
AC Gwen	82	14,580	27	39.9	14.2	--	--	44.3	53.20	--	--
AC Kaufman	81	12,307	23	33.5	12.9	--	112.3	41.5	42.41	76.9	--
AC Medallion	82	13,186	23	31.9	14.5	68.1	107.1	40.7	39.56	73.9	72.0
AC Pinnacle	82	13,327	24	36.2	13.4	--	124.8	60.1	69.04	92.4	92.4
AC Ronald	82	14,433	24	35.0	14.5	76.2	120.1	48.3	52.71	84.2	81.5
Beach	79	14,371	26	37.6	15.5	73.6	120.1	46.2	54.40	83.2	80.0
Buff*	76	17,223	23	42.4	18.4	--	103.5	37.3	44.72	70.4	--
CDC Dancer	79	14,056	25	36.4	14.7	--	--	52.1	59.77	--	--
CDC Pacer	82	12,175	25	34.7	14.6	84.4	125.2	54.4	58.42	89.8	88.0
Ebeltoft	82	12,442	24	31.6	15.7	78.8	109.1	53.5	52.78	81.3	80.5
HiFi	79	15,690	24	35.2	15.8	63.4	121.6	49.4	54.71	85.5	78.1
Hyttest	76	13,568	26	39.4	18.3	69.1	122.9	51.6	61.38	87.2	81.2
Jerry	73	13,908	25	36.9	15.7	68.8	124.2	46.1	52.97	85.1	79.7
Killdeer	78	14,803	22	35.9	14.5	78.4	127.7	56.8	63.90	92.2	87.6
Leonard	81	15,876	23	35.2	17.7	--	--	58.0	61.51	--	--
Monida	82	16,065	24	34.7	14.3	75.7	127.5	56.0	60.50	91.7	86.4
Morton	79	15,473	25	36.5	17.2	67.8	114.7	49.8	56.97	82.2	77.4
Otana	79	15,606	26	37.7	16.0	78.5	130.3	62.9	73.13	96.6	90.6
Paul*	80	16,678	27	45.0	21.0	39.9	73.5	42.0	50.44	57.8	51.8
Reeves	75	15,466	27	36.9	16.9	--	109.8	47.7	55.13	78.7	--
Sesqui	81	15,663	22	37.0	18.7	77.3	131.6	57.7	66.92	94.6	88.9
Stark*	81	16,892	27	43.2	18.3	66.1	106.9	43.8	52.72	75.4	72.3
Youngs	80	11,755	27	33.8	15.6	75.8	119.3	52.8	55.44	86.1	82.6
Trial Mean	79	14,226	25	36.7	15.8	70.5	118.0	51.1	57.77	--	--
CV %	1.4	5.8	9.3	4.0	--	10.4	4.4	17.9	19.8	--	--
LSD 0.05	2	1,159	3	2.0	--	10.3	7.4	NS	NS	--	--

Planting Date: April 13, 2004

Harvest Date: August 19, 2004

\* Hulless

Previous Crop: Alfalfa burn down

Seeding Rate: 1 million live seeds/ac

Returns were calculated by multiplying the 2004 yield by the test weight discount paid at the Southwest Grain Terminal located in Gladstone on October 18. The price paid was \$1.20/bu, assuming that the test weight was heavier than 37 lb/bu. Grain with a test weight of 37 lb/bu was discounted \$.04/bu, with an additional discount of \$.04/bu per pound down to 30 lb/bu. Below 30 lb/bu, an additional discount of \$.07/bu occurred per pound.