

## 2005 Oat - Alfalfa burn down

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	----- Grain Yield-----			Returns \$/ac	Average Yield	
					2003	2004	2005		2	3
					-----bu/ac-----			----bu/ac----		
AC Assiniboia	75	12,777	37	30.9	103.8	55.9	130.1	94.01	93.0	96.6
AC Gwen*	73	14,442	40	35.5	--	44.3	93.3	91.47	68.8	--
AC Kaufman	71	14,460	39	31.8	112.3	41.5	103.8	77.97	72.7	85.9
AC Pinnacle	73	13,977	39	32.4	124.8	60.1	135.8	112.05	97.9	106.9
AC Ronald	72	15,210	39	34.6	120.1	48.3	124.2	111.74	86.2	97.5
Beach	73	15,681	42	34.2	120.1	46.2	121.9	103.82	84.1	96.1
Buff*	68	17,385	37	42.0	103.5	37.3	80.1	79.97	58.7	73.6
CDC Dancer	72	15,054	42	32.6	--	52.1	121.8	94.32	86.9	--
CDC Pacer	71	13,656	42	33.1	125.2	54.4	119.2	100.60	86.8	99.6
Ebeltoft	73	12,443	36	32.9	109.1	53.5	132.1	111.58	92.8	98.2
HiFi	71	17,225	42	31.5	121.6	49.4	114.5	84.49	81.9	95.2
Hyttest	69	13,763	41	36.7	122.9	51.6	101.2	96.15	76.4	91.9
Jerry	70	16,062	42	33.3	124.2	46.1	115.2	92.49	80.6	95.1
Killdeer	70	15,478	36	33.2	127.7	56.8	137.9	113.65	97.3	107.5
Leonard	71	16,297	38	29.7	--	58.0	124.6	81.53	91.3	--
Maida	72	12,963	41	32.3	--	46.4	118.0	92.23	82.2	--
Monida	75	16,619	41	29.6	127.5	56.0	131.8	88.01	93.9	105.1
Morton	72	14,618	41	32.5	114.7	49.8	121.7	96.43	85.8	95.4
Otana	73	15,992	43	33.7	130.3	62.9	124.3	105.87	93.6	105.8
Paul*	75	17,437	43	41.3	73.5	42.0	82.9	85.13	62.5	66.1
Sesqui	72	16,919	39	33.6	131.6	57.7	121.5	100.88	89.6	103.6
Stark*	73	20,265	41	36.7	106.9	43.8	89.0	83.64	66.4	79.9
Weaver	74	13,215	39	30.6	--	--	107.5	74.56	--	--
Youngs	72	13,173	41	31.2	119.3	52.8	114.3	81.98	83.5	95.5
Trial Mean	72	15,228	40	33.4	118.0	51.1	116.5	94.60	--	--
CV %	2.4	9.0	5.7	5.9	4.4	17.9	10.6	20.5	--	--
LSD 0.05	2	1,910	3	2.8	7.4	NS	17.4	NS	--	--

Planting Date: April 22, 2005

Harvest Date: August 8, 2005

\* Hulless

Previous Crop: Alfalfa burn down

Seeding Rate: 1 million live seeds/ac

Returns were calculated by multiplying the 2005 yield by the test weight discount paid at the Southwest Grain Terminal located in Gladstone on September 6. The price paid was \$1.00/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.