

2006 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-----	
					2004	2005	2006		2	3
					-----bu/ac-----			----bu/ac----		
AC Assiniboia	65	15,721	29	31.4	55.9	130.1	95.1	91.23	112.6	93.7
AC Kaufman	62	16,007	29	31.8	41.5	103.8	91.4	91.35	97.6	78.9
AC Pinnacle	63	17,130	30	32.9	60.1	135.8	108.1	113.78	121.9	101.3
AC Ronald	61	16,243	30	33.9	48.3	124.2	97.6	102.86	110.9	90.0
Beach	61	16,842	32	34.9	46.2	121.9	94.4	104.89	108.1	87.5
Buff*	57	22,846	27	38.0	37.3	80.1	60.9	74.31	70.5	59.4
CDC Dancer	63	17,868	31	32.5	52.1	121.8	96.0	96.22	108.9	89.9
CDC Pacer	63	15,068	31	29.6	54.4	119.2	107.4	93.96	113.3	93.6
CDC Weaver	64	12,887	31	31.5	--	107.5	98.7	99.32	103.1	--
Ebeltoft	65	17,518	26	30.3	53.5	132.1	89.4	84.24	110.8	91.7
HiFi	63	20,581	31	32.1	49.4	114.5	87.9	85.04	101.2	83.9
HiFi-9	62	19,796	31	32.1	--	--	89.5	86.95	--	--
Hyttest	59	16,563	33	34.3	51.6	101.2	90.5	96.50	95.9	81.1
Jerry	59	16,475	30	33.5	46.1	115.2	90.5	93.85	102.8	83.9
Killdeer	59	17,912	26	32.2	56.8	137.9	93.5	93.91	115.7	96.1
Leonard	63	17,017	29	28.7	58.0	124.6	96.3	76.24	110.4	93.0
Maida	62	15,991	30	32.0	46.4	118.0	84.2	80.86	101.1	82.9
Monida	64	17,452	30	27.4	56.0	131.8	104.8	77.53	118.3	97.5
Morton	62	17,236	32	30.9	49.8	121.7	97.2	89.33	109.5	89.6
Souris	60	19,715	27	32.8	55.2	123.8	97.0	97.41	110.4	92.0
Otana	63	17,418	31	30.8	62.9	124.3	96.3	89.58	110.3	94.5
Paul*	64	19,027	31	39.3	42.0	82.9	58.5	72.26	70.7	61.1
Stallion	60	13,635	31	32.4	--	--	100.2	98.33	--	--
Stark*	65	21,683	32	36.1	43.8	89.0	68.1	78.32	78.5	67.0
Youngs	63	14,954	31	30.1	52.8	114.3	98.0	88.05	106.1	88.4
Trial Mean	62	17,160	30	32.7	51.1	116.5	93.0	92.89	--	--
CV %	1.3	6.6	4.8	3.1	17.9	10.6	9.8	11.9	--	--
LSD 0.05	1	1,595	2	1.4	NS	17.4	12.7	15.5	--	--

Planting Date: April 25, 2006

Harvest Date: July 31, 2006

* Hulless

Previous Crop: Alfalfa burn down

Seeding Rate: 1 million live seeds/ac

Returns were calculated by multiplying the 2006 yield by the test weight discount paid at the Southwest Grain Terminal located in Gladstone on August 30. The price paid was \$1.25/bu for grain with a test weight greater 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 to 30 lb/bu. Below 30 lb/bu, an additional discount of \$.07/bu occurred per pound.