

2006 Barley - Alfalfa burn down

Dickinson, ND

Variety	Days to Head	Seeds per Pound	Plant Height in	Test Weight lbs/bu	Protein %	% Plump >6/64	----- Grain Yield-----			Returns \$/ac	----- Average Yield -----	
							2004	2005	2006		2	3
							-----bu/ac-----				----bu/ac----	
Six Row												
Drummond	60	14,786	30	43.7	15.2	61	47.8	95.4	89.9	143.36	92.7	77.7
Lacey	59	14,151	30	42.3	15.2	63	46.2	97.7	88.4	135.92	93.1	77.4
Legacy	60	16,458	29	38.6	14.4	50	57.2	94.8	76.0	103.83	85.4	76.0
M 109	59	14,106	30	44.1	14.6	74	--	104.0	103.1	164.88	103.5	--
ND 20299	59	14,598	29	41.4	14.6	69	--	102.6	84.1	126.10	93.4	--
ND 20448	59	14,790	32	41.8	15.4	71	--	96.3	96.9	147.56	96.6	--
ND 20508	60	15,545	29	43.0	16.1	53	--	--	83.9	132.36	--	--
ND 21532	60	15,940	28	40.1	14.8	53	--	--	95.4	138.08	--	--
ND 21562	60	14,372	29	42.6	14.6	65	--	--	97.0	149.49	--	--
Robust	60	13,588	31	44.7	15.4	69	40.4	93.2	89.8	146.27	91.5	74.5
Stellar-ND	60	15,355	28	39.8	13.9	67	44.9	101.5	83.8	121.68	92.6	76.7
Tradition	60	15,311	31	42.6	14.8	54	52.1	88.0	82.3	127.44	85.1	74.1
Two Row												
2ND 21863	62	11,013	30	45.2	14.9	86	--	105.6	93.1	147.97	99.4	--
2ND 21867	64	11,643	27	44.5	15.3	82	--	--	87.2	138.86	--	--
2ND 22895	65	10,989	32	45.5	14.5	91	--	--	80.3	130.04	--	--
2ND 22927	63	10,857	31	44.7	14.8	89	--	--	91.5	147.14	--	--
2ND 22996	64	10,063	30	46.4	14.7	96	--	--	93.2	153.19	--	--
AC Metcalfe	65	12,418	31	43.9	16.3	81	57.6	85.1	88.6	140.92	86.9	77.1
Bowman	64	11,218	30	47.5	15.8	86	62.9	69.2	85.8	141.62	77.5	72.7
Conlon	62	10,213	30	46.4	15.1	95	34.4	76.0	82.3	134.85	79.2	64.2
Rawson	65	8,882	32	48.4	13.3	97	52.6	91.6	91.1	150.39	91.4	78.4
Eslick	65	13,089	30	44.2	15.6	57	63.1	100.8	98.1	157.80	99.4	87.3
Harrington	67	15,471	33	40.8	17.4	48	45.0	75.4	78.6	115.48	77.0	66.3
Haxby	65	12,198	29	47.2	15.6	61	72.5	83.9	94.0	153.32	89.0	83.5
Trial Mean	63	13,211	30	42.9	15.1	72	50.6	90.1	87.7	135.27	--	--
CV %	1.3	8.8	5.7	4.8	3.5	16.7	18.6	5.9	11.1	14.1	--	--
LSD 0.05	1	1,643	2	2.9	1.1	17	NS	7.4	13.6	26.70	--	--

Planting Date: April 25, 2006

Harvest Date: July 31, 2006

Previous Crop: Alfalfa burn down

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2006 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 30. The price paid on this date was \$1.65/bu, assuming that the test weight was heavier than 45 lb/bu. Grain with a test weight of 45 lb/bu was discounted \$.03/bu, with an additional discount of \$.04/bu per pound down to 42 lb/bu. Below 42 lb/bu, an additional discount of \$.05/bu occurred per pound.