

## 2005 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 -----	
							2003	2004	2005		2	3
							-----bu/ac-----				----bu/ac----	
<b>Six Row</b>												
Drummond	66	13,543	33	44.9	14.3	76	110.4	47.8	95.4	120.99	71.6	84.5
Excel	66	14,357	32	43.0	13.7	64	110.6	57.5	94.9	115.03	76.2	87.7
Foster	66	12,708	32	44.0	14.2	80	116.3	45.2	93.0	114.31	69.1	84.8
Lacey	66	12,806	30	46.9	14.1	86	111.3	46.2	97.7	127.05	72.0	85.1
Legacy	68	14,326	35	43.5	14.4	66	107.8	57.2	94.8	116.47	76.0	86.6
M 109	65	13,500	32	45.0	14.3	73	--	--	104.0	130.79	--	--
Robust	66	12,925	33	44.9	14.3	74	106.2	40.4	93.2	117.88	66.8	79.9
Stellar	66	13,312	33	44.1	14.1	82	112.0	44.9	101.5	125.96	73.2	86.1
Tradition	67	14,329	34	43.7	13.3	72	116.4	52.1	88.0	108.95	70.0	85.5
<b>Two Row</b>												
AC Metcalfe	70	13,470	33	45.3	14.4	67	--	57.6	85.1	107.81	71.3	--
Bowman	65	12,984	31	44.1	14.6	68	98.0	62.9	69.2	85.92	66.1	76.7
Conlon	64	10,867	32	48.5	14.0	91	93.6	34.4	76.0	98.77	55.2	68.0
Rawson	67	9,747	35	49.2	12.9	90	114.2	52.6	91.6	119.12	72.1	86.1
Eslick	70	12,392	34	46.7	14.0	73	--	63.1	100.8	129.55	81.9	--
Harrington	71	15,038	37	41.3	13.9	46	95.0	45.0	75.4	85.57	60.2	71.8
Haxby	68	13,495	32	46.3	14.1	65	--	72.5	83.9	109.11	78.2	--
Logan	66	11,808	31	47.7	13.9	73	112.6	60.3	83.6	108.71	72.0	85.5
Stark	67	11,616	35	48.0	14.6	80	116.3	60.5	91.7	118.55	76.1	89.5
Trial Mean	67	12,907	32	45.3	14.0	77	106.9	50.6	90.1	113.30	--	--
CV %	1.6	4.4	6.6	2.9	--	6.5	9.5	18.6	5.9	7.6	--	--
LSD 0.05	2	793	3	1.8	--	7	14.3	NS	7.4	12.08	--	--

Planting Date: April 21, 2005

Harvest Date: August 5, 2005

Previous Crop: Alfalfa burn down

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2005 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 6. The price paid on this date was \$1.30/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.