

2004 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 -----	
							2002	2003	2004		Year 2	Year 3
							-----bu/ac-----			-----bu/ac-----		
Six Row												
Drummond	82	12,909	18	44.6	17.4	84	74.4	110.4	47.8	59.70	79.1	77.5
Excel	87	12,529	20	47.5	17.0	85	74.1	110.6	57.5	74.81	84.1	80.7
Foster	87	12,981	20	43.9	17.1	87	80.8	116.3	45.2	56.26	80.8	80.8
Lacey	83	11,981	21	45.9	16.7	88	76.5	111.3	46.2	58.80	78.8	78.0
Legacy	86	12,584	22	45.0	16.6	90	72.9	107.8	57.2	72.67	82.5	79.3
Morex	88	13,220	20	42.8	18.8	71	72.7	104.1	35.7	41.63	69.9	70.8
Robust	88	12,224	20	45.5	17.7	80	75.0	106.2	40.4	50.91	73.3	73.9
Stander	82	12,458	18	46.4	16.9	76	72.8	113.0	49.7	64.41	81.4	78.5
Tradition	79	12,779	20	45.8	16.9	87	--	116.4	52.1	67.28	84.2	--
Two Row												
AC Metcalfe	84	11,438	21	49.5	18.2	93	--	--	57.6	74.86	--	--
Barke	89	11,154	21	50.2	18.5	93	--	--	44.0	57.21	--	--
Bowman	78	9,804	24	51.6	17.0	97	83.6	98.0	62.9	81.75	80.4	81.5
Conlon	75	9,615	20	50.8	16.4	97	78.1	93.6	34.4	44.76	64.0	68.7
Eslick	86	11,398	20	50.7	16.5	88	--	--	63.1	82.04	--	--
Harrington	86	11,404	20	48.7	18.3	87	77.8	95.0	45.0	58.45	70.0	72.6
Haxby	81	10,848	23	51.6	16.8	91	--	--	72.5	94.22	--	--
Logan	80	10,223	22	49.0	16.9	93	86.9	112.6	60.3	78.40	86.5	86.6
Prestige	86	11,988	18	49.0	17.8	93	--	--	40.5	52.60	--	--
Scarlett	89	12,817	17	49.7	17.1	83	--	--	56.8	73.90	--	--
Stark	80	9,692	24	51.8	17.2	96	82.3	116.3	60.5	78.65	88.4	86.4
Valier	89	12,383	18	49.7	18.2	76	80.4	100.9	44.9	58.41	72.9	75.4
Trial Mean	84	11,821	20	47.7	16.9	88	77.4	106.9	50.6	65.10	--	--
CV %	3.4	4.5	11.4	3.7	3.0	6.5	5.0	9.5	18.6	19.7	--	--
LSD 0.05	4	741	3	2.5	1.0	8	5.4	14.3	NS	NS	--	--

Planting Date: April 13, 2004

Harvest Date: August 10, 2004

Previous Crop: Alfalfa burn down

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2004 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on October 18. 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.