

Table 14. 1988 Dickinson Barley Variety Trial

Variety	Bu/A Avg.	Test Wt. Lbs.	Heading Date	Height In.
HECTOR	19.3	47.5	25-Jun	20
GALLATIN	15.5	46.5	22-Jun	20
BOWMAN	14.8	46.0	21-Jun	19
Lewis	14.4	46.5	25-Jun	17
B 1602 *	12.0	45.5	21-Jun	18
MOREX *	11.7	46.5	20-Jun	18
B 1603 *	11.0	45.0	18-Jun	17
ND 9256 *	10.7	43.0	19-Jun	16
Hazen *	10.3	45.5	21-Jun	19
Robust *	8.9	46.5	20-Jun	17
ND 7309 *	8.6	44.0	21-Jun	16
ND 8671	7.6	46.0	20-Jun	20
ND 7691	7.6	45.0	22-Jun	19
AZURE *	7.2	43.0	18-Jun	18
Ellice	4.5	42.0	25-Jun	17
* 6-row variety				
Seeding Rate: 1.3 Bu/A				
Seeding Date: April 21 Harvest Date: August 1				
Fertilizer Applied: 50 lbs./A 18-46-0				
Herbicide Applied: Hoelon-Buctril tank mix				
L.S.D. 5% = 4.2 Bu/A C.V. = 27.0 %				
Note: Recommended varieties are capitalized.				

Table 15. Long Term Yields – Barley, Dickinson

Variety	1984	1985	1986	1987	1988	Average
Azure	77.0	66.4	76.0	61.9	7.2	57.7
Bowman	84.9	73.6	82.2	52.3	14.8	61.5
Morex	62.2	77.4	85.6	56.4	11.7	58.7
Robust	65.7	75.3	79.8	61.5	8.9	58.2
Hazen	78.4	64.7	86.6	61.2	10.3	60.2
Hector	66.2	68.3	80.8	70.5	19.3	61.0
Lewis	---	77.5	95.9	63.3	14.4	62.8
Gallatin	80.8	---	99.3	72.5	15.5	67.0
Ellice	71.2	---	96.3	64.6	4.5	59.1
LSD .05	6.1	10.7	7.3	4.5	4.2	7.0

Table 16. 1988 Dickinson Off-Station Barley Variety Trials

Variety	Dickinson	Beach	Beulah	Glen Ullin	Hannover	Manning	Average 6 Sites
Bushels per Acre							
Azure *	7.2		13.8	20.6	13.1	11.0	13.1
Bowman	14.8		18.2	25.8	18.9	15.5	18.6
Gallatin	15.5		24.8	34.0	21.7	17.5	22.7
Hector	19.3		24.4	31.6	24.8	18.2	23.7
Morex *	11.7		19.9	21.3	17.5	14.4	17.0
Robust *	8.9		14.4	19.9	13.8	12.4	13.9
Test Wt. lbs./bu.							
Azure *	43.0		45.0	45.0	43.5	44.5	44.2
Bowman	46.0		48.0	49.0	47.5	48.0	47.7
Gallatin	46.5		47.0	48.5	48.0	46.0	47.2
Hector	47.5		47.0	49.0	48.5	48.5	48.1
Morex *	46.5		44.0	46.5	42.5	46.0	45.1
Robust *	46.5		46.0	47.0	45.0	45.5	46.0
*6-row							
Seeding Date:	Apr. 21	Apr. 13	Apr. 15	Apr. 18	Apr. 19	Apr. 14	
Harvest Date:	Aug. 1		July 29	Aug. 4	Aug. 5	July 25	
LSD 5% (Bu/A)	4.2		7.4	3.0	2.7	6.4	5.1
CV (%):	27.0		25.5	7.7	9.9	28.6	
Fertilizer Applied:	According to soil test at each site.						
Herbicide Applied:	Hoelon-Buctril tank mix						
Seeding Rate:	1 Bu/A						