

Table 1. 1988 Dickinson Hard Red Spring Wheat Trial

Variety	Bu/A Avg.	Test Wt. Lbs.	Heading Date	Height In.
Leif *	17.2	59.0	16-Jun	17
ALEX	12.8	61.0	18-Jun	18
AMIDON	12.1	60.5	17-Jun	19
Marshall *	11.0	60.0	17-Jun	17
Nordic *	11.0	61.5	16-Jun	18
ND 640	10.6	61.5	19-Jun	17
2375 *	10.6	60.0	15-Jun	15
Wheaton *	10.6	59.5	18-Jun	15
ND 651	10.6	61.0	19-Jun	16
W 2502 *	10.6	59.0	14-Jun	14
Laura	10.6	59.0	16-Jun	18
Pioneer 2369 *	10.6	59.0	16-Jun	16
ND 649 *	10.6	61.0	18-Jun	18
Tammy *	10.3	60.0	16-Jun	17
ND 618 *	9.9	60.5	17-Jun	16
W 2501 *	9.9	58.0	14-Jun	15
STOA	9.9	61.0	17-Jun	19
ND 652	9.5	60.5	17-Jun	17
Norak *	9.5	61.0	16-Jun	16
2385 *	9.5	57.5	13-Jun	17
ND 626 *	9.5	61.0	17-Jun	18
HS84-873 *	9.5	59.5	14-Jun	15
Success *	9.2	55.5	23-Jun	18
Rambo *	9.2	61.0	17-Jun	16
MN 82354 *	8.8	60.0	20-Jun	17
Prospect *	8.8	60.0	17-Jun	18
BUTTE 86	8.8	61.5	15-Jun	16
Telemark *	8.8	60.0	17-Jun	16
Kenyon	8.4	58.5	17-Jun	18
MN 81110 *	8.4	57.0	17-Jun	16
ND 650 *	8.4	61.5	20-Jun	16
COTEAU	8.3	60.0	21-Jun	17
Waldron	8.1	59.0	17-Jun	18
Celtic *	7.7	61.0	16-Jun	18
LEN *	7.7	60.5	18-Jun	19
Katepwa	7.0	59.0	17-Jun	19
Norseman *	7.0	59.5	18-Jun	15
Columbus	7.0	60.0	23-Jun	18
Roblin	6.6	58.5	17-Jun	14
CUTLESS *	5.5	59.5	14-Jun	17
Westbred 926 *	5.5	59.0	13-Jun	15
*Semidwarf				
Seeding Rate: 1,000,000 live seeds/acre, (approx. 1 Bu/A)				
Seeding Date: April 22 Harvest Date: July 26				
Fertilizer Applied: 50 lbs./A 18-46-0				
Herbicide Applied: Hoelon-Buctril tank mix				
L.S.D. 5% = 3.2 Bu/A C.V. = 21.1 %				
Note: Recommended varieties are capitalized.				

Table 2. Long Term Yields – Hard Red Spring Wheat, Dickinson

Variety	1984	1985	1986	1987	1988	Average
Alex	30.4	43.6	45.4	34.7	12.8	33.4
Norak	49.5	52.4	54.2	28.9	9.5	38.9
Coteau	37.4	36.5	48.0	35.2	8.3	33.1
Len	42.5	52.9	54.6	32.7	7.7	38.1
Stoa	54.3	51.6	61.6	30.8	9.9	41.6
Waldron	31.5	40.4	49.2	35.5	8.1	32.9
Leif	41.8	40.9	60.8	27.0	17.2	37.5
Columbus	36.3	40.8	51.8	37.4	7.0	34.6
Marshall	38.5	40.4	56.5	30.5	11.0	35.4
Pioneer 2369	45.1	37.2	60.6	35.5	10.6	37.8
Wheaton	50.2	45.4	63.8	25.9	10.6	39.2
Norseman	51.3	45.5	49.2	40.7	7.0	38.7
Success	34.8	47.0	52.5	43.7	9.2	37.4
Cutless	---	47.3	49.2	30.1	5.5	33.0
Amidon	---	57.8	53.3	28.3	12.1	37.9
Butte 86	---	38.2	51.8	31.1	8.8	32.5
Celtic	---	51.1	51.2	27.2	7.7	34.3
Nordic	---	---	65.5	29.7	11.0	35.4
Prospect	---	---	62.0	22.0	8.8	30.9
Telemark	---	---	58.0	27.0	8.8	31.3
LSD .05	7.4	6.9	7.9	4.0	6.2	6.6

Table 3. 1988 Dickinson Off-Station Hard Red Spring Wheat Variety Trials

Variety	Dickinson	Beach	Beulah	Glen Ullin	Hannover	Manning	Average 6 Sites
Bushels per Acre							
Alex	12.8		12.7	20.4	14.3	10.2	14.1
Amidon	12.1		14.6	22.8	16.8	12.9	15.8
Butte 86	8.8		12.9	24.5	15.1	10.2	14.3
Celtic *	7.7		14.0	21.7	18.4	12.1	14.8
Coteau	8.3		14.3	25.9	19.3	13.5	16.2
Cutless *	5.5		11.6	22.0	14.3	11.6	13.0
Leif *	17.2		12.9	25.6	19.5	10.2	17.1
Len *	7.7		14.3	21.7	18.7	12.4	15.0
Norak *	9.5		12.9	22.0	19.0	14.3	15.5
Nordic *	11.0		10.7	26.1	22.6	8.3	15.7
Norseman *	7.0		12.7	23.9	19.0	11.3	14.8
Pioneer 2369 *	10.6		17.9	20.4	19.0	9.9	15.5
Stoa	9.9		19.8	28.3	21.5	14.6	18.8
Success *	9.2		14.0	22.8	16.0	10.7	14.5
*Semi-dwarf							
Seeding Date:	Apr. 22	Apr. 13	Apr. 15	Apr. 18	Apr. 19	Apr. 14	
Harvest Date:	July 26		July 29	Aug. 4	Aug. 5	July 25	
LSD 5% (Bu/A) :	3.2		4.5	4.4	3.6	5.8	4.4
CV (%) :	21.1		22.8	13.1	13.9	35.1	
Fertilizer Applied:	According to soil test at each site.						
Herbicide Applied:	Hoelon-Buctril tank mix						
Seeding Rate:	1 Bu/A						

Table 4. 1988 Dickinson Off-Station Hard Red Spring Wheat Variety Trials

Variety	Dickinson	Beach	Beulah	Glen Ullin	Hannover	Manning	Average 6 Sites
Test Wt. lbs./bu.							
Alex	61.0		61.5	59.0	59.0	60.5	60.2
Amidon	60.5		61.0	59.5	59.5	60.0	60.1
Butte 86	61.5		61.0	60.0	59.5	59.5	60.3
Celtic *	61.0		60.0	59.5	60.0	60.5	60.2
Coteau	60.0		60.0	58.5	59.0	59.5	59.4
Cutless *	59.5		59.5	59.0	59.5	59.0	59.3
Leif *	59.0		60.5	59.5	60.0	59.0	59.6
Len *	60.5		61.5	60.0	61.0	61.0	60.8
Norak *	61.0		60.5	60.0	60.0	59.5	60.2
Nordic *	61.5		60.0	60.5	61.5	61.0	60.9
Norseman *	59.5		59.5	58.0	59.0	59.5	59.1
Pioneer 2369 *	59.0		60.5	60.0	59.5	59.0	59.6
Stoa	61.0		60.5	60.0	59.5	59.0	60.0
Success *	55.5		59.0	57.0	58.5	60.0	58.0

Table 5. 1988 Dickinson Off-Station Hard Red Spring Wheat Variety Trials

Variety	Dickinson	Beach	Beulah	Glen Ullin	Hannover	Manning	Average 6 Sites
Protein @ 14% Moisture							
Alex	17.9		17.6	16.8	16.7	17.4	17.3
Amidon	17.9		18.0	17.3	17.2	17.6	17.6
Butte 86	17.8		17.7	17.0	16.6	17.1	17.2
Celtic *	17.5		17.1	16.5	16.4	17.3	17.0
Coteau	18.0		17.8	16.7	16.5	17.8	17.4
Cutless *	18.7		18.2	17.8	17.5	18.4	18.1
Leif *	17.9		17.7	16.9	16.6	17.6	17.3
Len *	18.3		17.6	17.0	17.2	17.7	17.6
Norak *	18.0		17.8	16.8	16.9	17.9	17.5
Nordic *	16.5		16.8	15.5	15.0	16.1	16.0
Norseman *	18.6		18.3	16.9	17.3	17.7	17.8
Pioneer 2369 *	18.4		17.8	17.1	17.3	18.0	17.7
Stoa	17.0		16.9	16.4	16.2	17.2	16.7
Success *	17.9		17.8	16.8	17.3	18.1	17.6