

Table 1. 1987 Dickinson Hard Red Spring Wheat Variety Trial

Variety	Bu/A Avg.	Test Wt. Lbs.	Heading Date	Height In.
Success *	43.7	63.5	22-Jun	23
Norseman *	40.7	61.5	17-Jun	21
Tammy *	38.5	61.5	21-Jun	23
Katepwa	37.7	60.5	17-Jun	28
Columbus	37.4	63.0	21-Jun	31
ND 626 *	36.9	64.5	15-Jun	25
ND 640	36.9	62.5	18-Jun	26
Pioneer 2369 *	35.5	62.0	18-Jun	20
Waldron	35.5	61.0	18-Jun	26
Coteau	35.2	60.5	22-Jun	28
Lew	35.2	62.5	20-Jun	28
Alex	34.7	61.5	20-Jun	26
Leo 747 *	34.7	60.5	14-Jun	22
ND 636	33.3	61.0	16-Jun	23
ND 622	33.3	63.5	26-Jun	23
ND 639	33.0	64.5	20-Jun	25
Len *	32.7	62.5	20-Jun	24
Lancer	32.7	61.0	18-Jun	27
ND 631	31.9	62.0	20-Jun	25
Guard *	31.9	63.0	15-Jun	24
Butte 86	31.1	62.5	16-Jun	24
Stoa	30.8	61.0	20-Jun	26
Marshall *	30.5	61.5	20-Jun	22
Cutless *	30.1	62.5	17-Jun	25
Nordic *	29.7	63.0	21-Jun	23
Shield	29.4	61.0	13-Jun	22
Norak *	28.9	64.0	18-Jun	21
ND 606	28.3	61.0	18-Jun	25
Celtic *	27.2	63.5	18-Jun	26
Leif *	27.0	62.0	20-Jun	23
Telemark *	27.0	61.0	20-Jun	21
ND 632	26.7	62.5	20-Jun	22
Wheaton *	25.9	61.5	21-Jun	21
ND 618 *	25.9	63.0	18-Jun	23
Rambo	25.0	62.5	20-Jun	24
Kenyon	22.6	60.5	18-Jun	28
SD 2956	22.0	62.5	17-Jun	23
*Semidwarf				
Seeding Rate: 1,000,000 live seed/acre, (approx. 1 Bu/A)				
Seeding Date: April 23 Harvest Date: August 7				
Fertilizer Applied: 50 lbs./A 18-46-0				
Herbicide Applied: Hoelon-Buctril tank mix				
L.S. D. 5% = 4.0 Bu/A C.V. = 12.6%				

Table 2. Long Term Yield Comparison – Hard Red Spring Wheat

Variety	1983	1984	1985	1986	1987	Average
Alex	44.3	30.4	43.6	45.6	34.7	39.7
Norak	49.5	49.5	52.4	54.2	28.9	46.9
Coteau	41.0	37.4	36.5	48.0	35.2	39.6
Len	35.8	42.5	52.9	54.6	32.7	43.7
Stoa	45.9	54.3	51.6	61.6	30.8	48.8
Waldron	46.5	31.5	40.4	49.2	35.5	40.6
Leif	47.6	41.8	40.9	60.8	27.0	43.6
Columbus	39.3	36.3	40.8	51.8	37.4	41.1
Marshall	45.7	38.5	40.4	56.5	30.5	42.3
Pioneer 2369	45.9	45.1	37.2	60.6	35.5	44.9
Wheaton	44.0	50.2	45.4	63.8	25.9	45.9
Norseman	---	51.3	45.5	49.2	40.7	46.7
Success	---	34.8	47.0	52.5	43.7	44.5
Cutless	35.5	---	47.3	49.2	30.1	40.5
Lew	41.0	45.1	---	56.4	35.2	44.4
Butte 86	45.4	---	38.2	51.8	31.1	41.6
Celtic	---	---	51.1	51.2	27.2	43.2
Leo 747	---	---	46.7	49.2	34.7	43.5
LSD .05	4.2	7.4	6.9	7.9	4.0	6.3

Table 3. 1987 Dickinson Off-Station Hard Red Spring Wheat Variety Trials

Variety	Dickinson	Beach	Beulah	Glen Ullin	Hannover	Manning	Average 6 Sites
Bushels per Acre							
Telemark	27.0	18.2	19.8	32.2	31.4	34.4	27.1
Butte 86	31.1	9.6	17.3	25.9	25.0	23.9	22.1
Celtic	27.2	17.9	16.5	26.7	24.2	34.4	24.5
Cutless *	30.1	12.7	13.8	21.2	31.6	33.3	23.8
Guard *	31.9	25.3	18.2	30.3	28.6	34.4	28.1
Leif *	27.0	10.5	16.8	27.2	22.3	32.5	22.7
Len *	32.7	18.4	23.1	33.0	28.1	40.2	29.2
Leo 747 *	34.7	19.5	17.1	26.4	39.6	34.4	28.6
Marshall *	30.5	23.9	21.7	40.2	34.1	36.0	31.1
Norak *	28.9	20.6	20.1	28.9	36.9	26.1	26.9
Nordic *	29.7	17.9	19.3	30.3	26.1	45.9	28.2
Pioneer 2369 *	35.5	20.9	20.1	29.2	30.0	40.7	29.4
Stoa	30.8	19.8	20.9	32.7	40.4	35.2	30.0
Success *	43.7	18.2	20.1	36.3	34.9	43.5	32.8
Wheaton *	25.9	25.3	20.1	31.9	33.0	33.6	28.3
*Semi-dwarf							
Seeding Date:	Apr. 23	Apr. 27	Apr. 30	Apr. 29	Apr. 28	May 1	
Harvest Date:	Aug. 7	Aug. 3	Aug. 12	Aug. 11	Aug. 12	Aug. 10	
L.S.D. 5% :	4.0	3.2	3.3	3.1	3.3	5.7	3.9
C.V. :	12.6	17.0	17.5	10.3	10.4	16.1	
Fertilizer Applied:	According to soil test at each site.						
Herbicide Applied:	Hoelon-Buctril tank mix						
Seeding Rate:	1 Bu/A						

Table 4. 1987 Dickinson Off-Station Hard Red Spring Wheat Variety Trials

Variety	Dickinson	Beach	Beulah	Glen Ullin	Hannover	Manning	Average 6 Sites
Test Wt. lbs. / bu.							
Telemark	61.0	56.0	60.0	61.0	59.5	61.5	59.8
Butte 86	62.5	61.0	62.0	61.5	62.0	62.5	61.9
Celtic	63.5	59.5	62.5	59.5	61.5	63.0	61.6
Cutless *	62.5	58.0	60.5	61.0	60.0	62.0	60.7
Guard *	63.0	59.5	61.0	59.0	61.0	62.5	61.0
Leif *	62.0	59.0	60.5	60.5	60.5	62.0	60.8
Len *	62.5	58.0	62.0	62.0	62.0	63.5	61.7
Leo 747 *	60.5	57.5	61.0	60.5	60.0	62.5	60.3
Marshall *	61.5	58.5	61.0	61.0	60.5	63.0	60.9
Norak *	64.0	58.5	61.0	60.5	60.0	63.0	61.2
Nordic *	63.0	57.5	63.0	61.5	62.0	63.5	61.8
Pioneer 2369 *	62.0	59.0	61.0	61.0	60.5	63.0	61.1
Stoa	61.0	60.0	61.0	61.0	60.5	62.5	61.0
Success *	63.5	54.5	61.0	60.5	59.5	62.0	60.2
Wheaton *	61.5	57.0	59.5	60.5	59.5	62.0	60.0

Table 5. 1987 Dickinson Off-Station Hard Red Spring Wheat Variety Trials

Variety	Dickinson	Beach	Beulah	Glen Ullin	Hannover	Manning	Average 6 Sites
Protein Percent @ 14 % Moisture							
Telemark	15.5	14.4	14.8	15.0	15.0	14.9	14.9
Butte 86	14.0	13.4	14.2	15.3	15.1	14.8	14.5
Celtic	14.7	14.2	14.6	15.1	14.9	14.8	14.7
Cutless *	15.7	14.6	15.2	16.8	16.3	15.9	15.8
Guard *	13.9	13.5	13.2	15.6	14.0	13.9	14.0
Leif *	14.5	14.3	13.7	15.6	15.5	14.8	14.7
Len *	15.4	14.8	14.7	16.1	15.0	14.9	15.2
Leo 747 *	15.3	14.1	14.3	16.0	15.2	15.4	15.1
Marshall *	14.2	13.8	13.6	14.5	14.3	13.9	14.1
Norak *	14.3	14.2	13.9	15.2	14.4	14.5	14.4
Nordic *	14.0	13.4	13.1	13.7	13.4	13.0	13.4
Pioneer 2369 *	15.3	14.2	14.3	15.8	15.3	14.3	14.9
Stoa	14.5	13.4	13.8	15.0	14.7	13.8	14.2
Success *	14.2	14.5	13.7	15.2	14.9	13.6	14.4
Wheaton *	14.9	13.4	13.6	14.8	14.7	13.9	14.2