

Table 2. Hard Red Spring Wheat Variety Trial

Variety	Avg. yield bu/acre	Test Weight	Heading Date	Height Inches
Waldron	40.7	58.5	6-30	34
Olaf	44.6	60.5	7-1	29
Butte	41.3	61.5	6-29	33
Coteau	43.7	60.0	7-1	35
Len	43.5	61.0	7-1	28
Walera	48.7	60.0	7-3	27
Solar	53.1	61.0	7-4	28
Wared	51.7	60.5	7-3	29
Alex	48.1	63.0	6-30	33
Oslo	49.2	59.5	6-27	28
Tracey	50.3	61.0	7-5	31
James	39.3	62.0	6-29	30
Westbred 906R	45.9	60.5	6-29	27
Lew	39.1	62.0	7-3	32
Prodax	47.6	60.5	7-3	30
Aim	53.4	62.0	6-30	29
Benito	43.5	60.5	6-30	33
Pro Brand 711	51.2	62.0	6-30	29
ND 573	49.0	64.0	6-30	33
ND 574	44.6	61.0	6-30	31
ND 575	50.9	62.5	6-29	32
P12 2360	50.9	62.0	6-29	28
ND 582	53.4	63.0	6-29	33
ND 583	45.4	62.0	6-29	32
ND 584	43.2	61.0	6-28	34
ND 585	46.5	62.5	6-28	33
ND 586	52.0	61.5	7-2	29
MN 701 70R	53.6	62.0	7-1	28
X 6718	46.5	61.0	6-29	32
ND 581	49.2	62.0	6-29	33
Pro Brand 715	48.1	61.0	7-4	30
ND 580	43.7	60.0	7-2	32
Lsd 4.9 bpa				
CV 10%				

Table 3. Long Term Yield Comparison – Hard Red Spring Wheat**Yield in Bushels per Acre**

Variety	1977	1978	1979	1980	1981	5 – yr Avg.
Waldron	30	46	38	23	41	36
Olaf	34	50	43	24	45	39
Prodax	39	55	45	24	48	42
Wared	43	54	47	26	52	44
Lew	34	47	35	23	39	36
Butte	25	53	39	21	41	36
Coteau	35	51	43	23	44	39
Len	35	45	38	23	44	37
Alex	30	53	38	23	48	38
Solar		63	44	24	53	
Oslo					49	
Tracey					50	

Table 4. Hard Red Spring Wheat – Dickinson and Off-Station Sites – 1981**Yield in Bushels per Acre**

Variety	Dickinson	Beach	Beulah	Bowman	Center	Glen Ullin	Manning	Regent	Average 8 - sites
Waldron	41	33	37	55	47	31	25	33	38
Olaf	45	38	36	60	46	38	26	38	41
Butte	41	38	31	61	50	31	24	39	40
Coteau	44	34	33	55	49	37	23	36	39
Len	44	38	32	56	46	41	26	36	40
Alex	48	33	34	60	53	37	26	39	41
Walera	49	34	37	61	54	44	25	37	43
Solar	53	41	37	65	53	47	24	38	45
Wared	52	45	29	64	48	38	28	37	42
Oslo	49	43	38	62	52	38	27	35	43
Tracey	50	35	31	56	52	42	24	30	40
James	39	31	31	59	46	35	23	37	38
Lew	39	30	28	45	50	32	19	33	34
Lsd, bpa	4.9	3.0	3.7	4.5	3.9	3.1	1.4	3.4	1.9
CV %	10	8	10	7	7	8	5	9	

Table 5. Hard Red Spring Wheat Variety Trial – Dickinson and Off-Station Sites – 1981**Test Weight per Bushel**

Variety	Dickinson	Beach	Beulah	Bowman	Center	Glen Ullin	Manning	Regent	Average 8 - sites
Waldron	58	58	58	60	58	56	56	57	58
Olaf	60	60	58	60	60	56	59	59	59
Butte	62	60	60	62	60	60	59	62	61
Coteau	60	58	59	60	59	58	57	58	59
Len	61	59	60	58	60	58	60	59	59
Alex	63	62	60	61	60	59	60	60	61
Walera	60	62	60	60	61	58	60	60	60
Solar	61	62	60	60	61	58	58	60	60
Wared	61	61	60	60	59	58	60	61	60
Oslo	60	56	58	58	56	56	57	56	57
Tracey	61	60	58	58	60	58	61	59	59
James	62	57	59	58	58	57	58	57	58
Lew	62	61	60	60	61	59	58	58	60

Table 6. Hard Red Spring Wheat Variety Trial – Dickinson and Off-Station Sites – 1981**Protein Percent at 14% Moisture**

Variety	Dickinson	Beach	Beulah	Bowman	Center	Glen Ullin	Manning	Regent	Average 8 - sites
Waldron	15.4	15.6	14.7	16.0	14.9	16.1	12.6	12.9	14.8
Olaf	15.2	14.8	14.2	15.3	14.4	15.6	12.6	11.7	14.2
Butte	14.2	14.1	12.8	15.1	13.4	15.4	10.7	11.1	13.4
Coteau	15.8	16.1	14.0	16.2	14.9	16.1	12.4	12.8	14.8
Len	15.3	14.5	14.0	16.0	14.9	15.8	12.0	12.1	14.3
Alex	13.6	13.4	12.6	15.8	15.2	16.1	11.8	11.4	13.7
Walera	12.8	12.1	11.7	14.4	12.4	14.3	10.4	10.2	12.3
Solar	13.0	11.8	11.3	14.0	12.4	14.0	11.4	10.0	12.2
Wared	12.9	12.5	13.3	14.3	14.5	15.3	12.3	10.8	13.2
Oslo	12.2	12.4	12.2	14.0	13.7	14.8	10.6	11.8	12.7
Tracey	11.3	12.4	11.9	14.1	12.9	14.0	9.7	10.8	12.1
James	13.1	14.3	13.3	15.6	14.3	15.2	13.3	11.9	13.9
Lew	13.3	13.1	13.2	16.1	14.2	15.5	11.8	11.0	13.5