

DURUM VARIETY TRIALS

Table 9 - Durum wheat variety trials.				
Variety	Avg. yield	Test weight	Heading date	Height inches
Wells	42	61.0	7-12	33.0
Leeds	36	62.5	7-10	33.0
Ward	37	61.0	7-10	32.5
Rolette	39	62.0	7-9	30.5
Wakooma	39	59.5	7-15	33.0
Crosby	37	62.0	7-11	31.5
Rugby	38	61.5	7-11	30.0
Botno	33	62.0	7-8	26.0
Macoun	37	62.0	7-10	25.0
D6962	34	62.5	7-10	21.0
D7047	37	63.0	7-11	24.0
D7057	31	62.5	7-12	21.5
D71110	34	62.0	7-10	28.5

D71111	35	61.5	7-10	28.0
D71117	35	61.0	7-11	27.5
D7131	20	61.0	7-15	26.0
D7158	34	62.0	7-11	23.5
D7233	35	61.5	7-8	28.0
D72110	32	62.0	7-10	26.5
DT411	37	61.5	7-11	28.0
D72114	28	61.0	7-10	26.0

Standard error of a treatment mean = 1.0872

L.s.d. @ 5% = 3.0751

The c.v. = 6.26 P.C.

Table 10 - Long term comparison of durum wheat varieties					
Variety	Yield in bushels per acre				
	1972	1973	1974	1975	4-Yr. Avg.
Wells	24	46	34	42	37
Leeds	19	36	35	36	32
Rolette	23	41	36	38	35

Ward			35	37	
Wakooma			29	39	
Crosby			34	37	
Botno			33	33	
Rugby			33	38	
Macoun			30	37	
D6962			27	34	
D7131				20	
D7047			32	37	
D7057			30	31	
D7158				34	
D71110			36	34	
D71111			36	35	
D71117			35	35	
D7233				35	
D72110				32	
DT411				37	

D72114				28	
L.s.d. @ 5%	3.5	3.9	4.7	3.1	

Table 11 - Durum variety trials - Dickinson and off-station sites								
Variety	Yield in bushels per acre							
	Dickinson	Beach	Bowman	Glen Ullin	Hettinger	Killdeer	Mandan	Avg. 6-station
Wells	42	50	39	44	15	Hailed Out	23	36
Leeds	36	44	33	33	16		19	30
Ward	37	51	35	39	17		23	34
Rolette	38	45	35	36	19		19	32
Standard error of a treatment mean	1.1	1.1	0.7	0.9	0.6		0.7	
L.s.d. @ 5%	3.1	3.7	2.3	3.0	1.9		2.0	
The c.v. = P.C.	6.3	4.8	4.1	4.9	7.0		6.6	
*Hailed out.								

Table 12 - Durum variety trials - Dickinson and off-station sites								
Variety	Test weight per bushel							
	Dickinson	Beach	Bowman	Glen Ullin	Hettinger	Killdeer	Mandan	Avg 6-station
Wells	61.0	61.5	62.0	60.5	56.5	Hailed Out	60.0	60.3
Leeds	62.5	60.5	63.0	63.0	56.5		59.5	60.8
Ward	61.0	60.5	62.0	62.0	54.5		59.0	59.8
Rolette	62.0	64.0	63.0	64.0	57.0		60.0	61.7

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