

North Dakota State University * Dickinson Research Extension Center

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Variety	Bushels per Acre	Test weight lbs./bu.	Heading date
Lloyd	55.4	60.5	6-28
D81183	51.9	61.0	6-27
D 81114	51.4	62.0	6-27
D 8193	50.1	60.0	6-27
D 81151	49.2	60.5	6-27
D 8191	49.1	60.5	6-28
D 881-4	48.5	59.5	6-29
D 8104	48.2	61.0	6-26
D 79104	48.1	60.5	6-28
D 8016	46.5	60.0	6-26
HD 81-466	46.2	61.5	6-25
FA 882-268	45.2	60.0	6-27
D 81154	44.7	61.0	6-28
Cando	44.7	61.5	6-28
D 8012	44.6	60.5	6-25

D 79209	44.4	62.0	6-28
D 79168	44.0	62.0	6-27
D 8019	42.7	60.5	6-27
Monroe	42.0	60.0	6-25
D 7925	41.0	59.5	6-21
D 79103	38.6	60.5	6-29
D 8172	38.1	60.5	6-28
Ward	36.4	60.5	6-27
Vic	33.4	60.0	6-25
Rolette	31.3	60.0	6-24
HD 81-485	31.1	59.5	6-24
LSD 5%	1.4		
C.V %	17.0		
Seeding Date: April 23			
Harvest Date: August 9			

Table 10. Long Term Yield Comparison - Durum

Variety	Yield in bushels per acre					
	1981	1982	1983	1984	1985	5-Yr. avg.
Cando	39.6	57.2	49.8	37.1	44.7	45.7
Lloyd	45.4	63.3	58.3	37.4	55.4	52.0
Rolette	44.2	49.5	42.1	29.7	31.3	39.4
Vic	40.8	51.2	49.5	34.9	33.4	42.0
Ward	44.6	52.3	47.3	27.0	36.4	41.5
Lsd @ 5%	3.7	4.2	4.2	4.9	1.4	.61

Table 11. 1985 Dickinson Off-Station Durum Variety Trials

Variety	Bushels per acre						
	Dickinson	Beach	Beulah	Glen Ullin	Hannover	Manning	Average 6 Sites
Cando	44.7	24.2	41.8	59.4	49.3	45.9	44.2
Lloyd	55.4	24.8	48.1	64.2	56.3	49.5	49.7
Monroe	42.0	28.3	41.3	61.6	53.7	50.7	46.3
Vic	33.4	23.7	36.0	55.0	53.4	47.3	41.5
Ward	36.4	24.5	40.2	49.9	46.4	47.9	40.9
LSD @ 5%	1.4	3.7	3.4	5.9	3.9	5.5	4.0

C.V. %	17.0	13.4	7.6	7.7	5.7	10.5	
Test weight lbs./bu.							
Cando	61.5	56.0	62.0	60.0	59.0	62.5	60.2
Lloyd	60.5	56.0	61.0	59.5	59.5	62.5	59.8
Monroe	60.0	57.5	62.0	60.5	59.0	62.5	60.3
Vic	60.0	56.5	61.5	60.5	60.5	62.5	60.3
Ward	60.5	57.0	61.5	59.5	60.0	63.0	60.3
Dates							
Seeding	4-23	5-1	4-29	4-30	4-30	4-19	
Harvest	8-9	8-14	8-15	8-19	8-20	8-9	
Seeding Rate: (approx. 70 lbs./acre); Yield Goal: 45 bu./acre; Fertilizer Applied: Based on soil tests at each site.; Herbicide Applied: Hoelon Buctril tank mix.							

Table 12. 1985 Hettinger and Off-Station Durum Variety Trials.							
Variety	Bushels per Acre						
	Hettinger	Regent	Flasher	Thunderhawk	Scranton	Average 5 Sites	Average 11 Sites
Cando	30.5	31.7	37.1	45.8	90.9	47.2	45.6
Lloyd	34.0	31.2	39.7	47.9	86.3	47.8	48.8

Monroe	33.8	33.4	37.9	44.1	75.3	44.9	45.6
Vic	28.4	30.2	38.5	43.4	72.9	42.7	42.0
Ward	26.0	29.7	33.4	42.5	73.6	41.0	41.0
Crosby	29.8	31.0	36.9	43.8	73.4	43.0	
LSD @ 5%	5.3	NS	3.1	2.7	2.7	4.9	4.5
CV %	12.6	5.6	5.6	4.0	4.0		
Test Weight lbs./bu.							
Cando	56.8	56.3	59.8	60.8	62.2	59.2	59.7
Lloyd	58.4	58.6	61.4	62.6	61.1	60.4	60.1
Monroe	55.9	56.4	59.7	59.9	62.3	58.8	59.6
Vic	58.2	58.6	61.3	62.1	62.7	60.6	60.4
Ward	57.4	56.9	60.3	61.0	62.5	59.6	60.0
Crosby	55.7	55.7	60.2	61.1	62.8	59.1	
Seeding Date	April 17	April 18	April 19	April 19	April 19		
Harvest Date	Aug. 7	Aug. 5	Aug. 6	Aug. 5	Aug. 19		

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