

Table 7. 1986 Dickinson Durum Variety Trial

Variety	Bu/A Avg.	Test Wt. Lbs.	Heading Date	Height In.
D 81151	59.3	61.5	25-Jun	32
D 79168 *	57.3	61.0	26-Jun	27
D 8291 *	52.5	60.5	28-Jun	26
D 81183 *	51.8	61.5	27-Jun	27
NAHD81-466 *	51.2	60.5	26-Jun	27
Lloyd *	51.2	59.5	28-Jun	27
D 8279 *	49.9	61.0	27-Jun	28
Rugby	49.6	60.0	26-Jun	32
D 8016	49.4	59.0	26-Jun	29
Medora	47.8	61.5	25-Jun	30
D 82136 *	47.6	62.0	25-Jun	25
Laker *	45.4	60.5	27-Jun	28
Ward	45.2	59.0	25-Jun	32
D 8012	45.1	56.5	25-Jun	28
D 8172	44.2	59.0	25-Jun	31
Monroe	44.1	59.5	25-Jun	30
D 79209 *	43.8	60.5	26-Jun	27
D 81154	43.5	57.0	25-Jun	29
D 8019	42.5	57.5	26-Jun	30
D 8263 *	40.5	58.0	27-Jun	27
D 8194	40.0	58.0	25-Jun	28
D 8261 *	38.7	60.5	27-Jun	28
NAHD81-485	36.7	58.0	25-Jun	30
Vic	36.5	58.5	27-Jun	32
D 8193	36.4	56.5	25-Jun	29
D 8269 *	35.3	59.0	27-Jun	28
D 8191	33.8	57.5	26-Jun	28
*Semidwarf				
Seeding Rate: 1,000,000 live seed/acre, (approx. 1 bu./ac.)				
Seeding Date: April 29 Harvest Date: August 12				
Fertilizer Applied: 50 lbs./ac. 18-46-0				
Herbicide Applied: Hoelon-Buctril tank mix				
L.S.D. 5% = 6.2 C.V. = 10.1%				

Table 8. Long Term Yield Comparison – Durum

Variety	Yield in Bushels per Acre					5 Year Average
	1982	1983	1984	1985	1986	
Lloyd	63.3	58.3	37.4	55.4	51.2	53.1
Vic	51.2	49.5	34.9	33.4	36.5	41.1
Ward	52.3	47.3	27.0	36.4	45.2	41.6
Monroe	55.0	45.4	29.3	42.0	44.1	43.2
LSD @ 5%	4.2	4.2	4.9	1.4	1.4	3.2

Table 9. 1986 Dickinson Off-Station Durum Variety Trials

Variety	Dickinson	Beulah	Manning	Average 3-Sites	Average 8-Sites
Bushels per Acre					
Laker *	45.4	36.6	50.1	44.0	46.7
Lloyd *	51.2	40.0	50.1	47.1	46.1
Monroe	44.1	55.3	53.2	50.8	48.8
Vic	36.5	45.3	52.6	44.8	45.6
Ward	45.2	55.6	54.8	51.9	47.9
Test Wt. lbs./bu.					
Laker *	60.5	60.5	63.5	61.5	60.4
Lloyd *	59.5	57.5	63.5	60.2	59.8
Monroe	59.5	61.5	63.5	61.5	60.5
Vic	59.0	59.0	64.0	60.7	60.4
Ward	61.0	61.0	63.5	61.8	60.9
*Semidwarf					
Seeding Date:	Apr. 29	May 14	May 1		
Harvest Date:	Aug. 12	Aug. 19	Aug. 18		
L.S.D. 5%:	6.2	4.2	8.8	6.7	
C.V. %:	10.1	8.4	15.4		
Fertilizer Applied: According to Soil Test at each site.					
Herbicide Applied: Buctril-Hoelon tank mix					
Seeding Rate: 1 bu./ac.					

Table 10. 1986 Hettinger Off-Station Durum Variety Trials

Variety	Hettinger	Regent	Flasher	Thunderhawk	Scranton	Average 5-Sites
Bushels per Acre						
Laker*	38.0	42.0	47.8	50.8	62.8	48.3
Lloyd*	28.0	45.1	47.8	45.3	61.6	45.6
Monroe	47.7	42.5	42.8	49.3	55.8	47.6
Vic	35.2	46.3	40.8	51.4	56.7	46.1
Ward	31.6	45.7	44.5	49.3	56.8	45.6
Test Weight per Bushel						
Laker*	61.9	58.8	58.8	57.1	62.1	59.7
Lloyd*	60.6	58.3	59.6	58.1	61.0	59.5
Monroe	61.4	58.7	58.6	59.1	61.9	59.9
Vic	60.9	58.5	59.0	60.6	62.0	60.2
Ward	61.1	58.2	59.9	60.2	62.0	60.3
*Semidwarf						
Seeding Date:	Apr. 21	Apr. 22	Apr. 23	Apr. 23	Apr. 22	
Harvest Date:	Aug. 14	Aug. 16	Aug. 17	Aug. 17	Aug. 16	
L.S.D. 5%:	NS	NS	5.0	NS	3.5	
C.V. %:	25.0	8.4	7.2	7.8	3.9	
Fertilizer Applied: According to Soil Test at each site.						
Herbicide Applied: Buctril-Hoelon tank mix						
Seeding Rate: 1 bu./ac.						

Table 11. 1986 Dickinson Durum Small Plot Trial

Variety	Bu/A Avg.	Test Wt. Lbs.
D 81151	70.1	60.5
D 79168 *	67.9	62.0
D 81154	66.7	63.0
D 8172	66.6	61.5
D 8369 *	66.0	61.0
NAHD81-485	65.7	63.5
D 8279 *	65.2	61.0
D 8016	65.1	61.5
D 81183 *	64.5	62.0
Medora	64.1	62.5
NADH81-466 *	64.0	62.0
Laker *	63.7	60.5
D 8194	63.4	62.5
D 8291 *	63.3	60.5
D 8193	63.2	62.0
Ward	62.9	62.0
D 8191	62.7	62.0
D 8261 *	62.3	63.5
Lloyd *	61.8	58.5
D 82136 *	61.4	62.0
D 8263 *	61.2	63.0
D 8019	60.9	62.5
D 8012	60.9	60.5
Rugby	60.2	61.5
Monroe	59.4	61.5
Vic	59.1	61.5
D 79209 *	56.9	62.0
*Semidwarf		
Seeding Rate: 1,000,000 live seed/acre, (approx. 1 bu./ac.)		
Seeding Date: May 14 Harvest Date: Aug 26		
Herbicide Applied: Hoelon-Buctril tank mix		
LSD 5% = 3.5 C.V. = 5.6%		