

AVENGE INJURY SCREENING

Research at North Dakota State University has shown that certain hard red spring wheat and durum varieties are nearly as susceptible to difenzoquat as wild oats. New cultivars included in field plot variety comparison trials are also included in the injury screening trial to assist in determining relative susceptibility to Avenge. Vic durum and Len spring wheat are used as susceptible controls in this trial.

Variety	Avg. bu./acre	Test weight
Len	34.2	57.5
Marshall	30.0	55.5
ND 597	34.1	59.0
ND 600	30.9	59.5
ND 604	35.2	59.0
ND 606	32.7	58.0
ND 614	37.2	60.5
ND 615	38.2	60.5
ND 616	39.1	56.5
ND 617	39.0	59.5

ND 618	38.1	59.0
ND 619	32.6	59.0
ND 620	34.3	61.0
ND 621	35.4	57.0
Lsd @ 5% 6.1 bu.		
CV = 10.4%		

Table 43. Durum Yields - Avenge Injury Screening		
Variety	Avg. bu./acre	Test weight
Cando	36.8	56.5
Vic	41.3	59.0
D 7925	42.4	59.0
D 79103	36.2	60.5
D 79104	36.1	58.0
D 79168	37.4	61.0
D 79209	32.9	58.5
D 8012	41.5	61.0
D 8016	40.3	59.0
D 8019	31.6	59.0

D 8172	36.0	59.0
D 8191	39.7	59.5
D 8193	41.9	58.5
D 8194	38.7	60.5
D 81114	37.3	60.5
D 81151	40.4	57.5
D 81154	42.0	60.0
D 81183	33.3	58.5
Lsd @ 5% 8.3 bu.; CV = 13%; Seeding date April 30; Harvest date August 8		

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