

NDSU Carrington Research Extension Center
2007 - Durum Evaluation II
Fungicide Evaluations for Suppression of Fusarium Head Blight (Scab)

ID	Fungicide Treatment	Product Rate/Acre	Application Timing	Grain Yield bu/ac	Test Weight lbs/bu	1000 KWT gms	Grain Protein %	Leaf Disease %	Don ppm	Scab Incid. %	Scab Severity %
1	Folicur + NIS	4.0 fl oz + 0.125 % v/v	10.51	40.5	57.1	41.7	15.9	24.3	0.9	17.5	15.5
2	ProLine 480 EC + NIS	5.0 fl oz + 0.125 % v/v	10.51	43.0	57.4	41.7	15.9	16.8	0.7	16.3	12.8
3	Prosaro + NIS	6.5 fl oz + 0.125 % v/v	10.51	43.1	57.6	42.7	15.8	24.5	0.8	13.8	14.8
4	Prosaro + NIS + HappyGro + PhotoGro	6.5 fl oz + 0.125 % v/v + 2.0 + 2.0 fl oz	10.51	41.9	57.3	42.4	15.9	19.3	0.7	17.5	15.0
5	Prosaro + NIS + Sugar Mover	6.5 fl oz + 0.125 % v/v + 1.5 pt	10.51	43.5	57.7	42.7	15.6	23.3	0.9	16.3	16.0
6	Prosaro + NIS (Flat Fan)	6.5 fl oz + 0.125 % v/v	10.51	42.9	57.4	42.4	16.0	22.5	0.6	15.0	14.8
7	Tilt + NIS	4.0 fl oz + 0.125 % v/v	10.51	45.3	57.5	43.1	15.7	24.5	1.0	15.0	15.5
8	Untreated Check	NA	NA	40.9	56.8	41.1	15.9	31.3	1.0	22.5	16.3
			MEAN	42.6	57.4	42.2	15.8	23.3	0.8	16.7	15.1
			C.V.%	6.7	1.1	3.0	2.4	18.7	88.5	28.0	34.5
			LSD.05	NS	NS	NS	NS	6.4	NS	NS	NS
			LSD.01	NS	NS	NS	NS	8.7	NS	NS	NS
			Pr > F	0.3825	0.658	0.3929	0.7392	0.008	0.9893	0.2988	0.9880
			#REPS	4	4	4.0	4	4	4	4	4

** All treatment applications were made at Feeke's growth stage 10.51 unless noted.

** '**Induce**' was the NIS product utilized.

** Treatments applied with 17.0 gallons of water per acre at 35 psi pressure using 8002 Twinjet tips.

** Durum Cultivar = Lebsock ; Planting Rate = 1.6 million PLS

** Planting Date = May 10 ; Harvest Date = August 16 ; Previous Crop = Sunflower (*some wheat straw distributed)