

**NDSU: Carrington Research Extension Center**  
**2006 - Durum Evaluation**  
**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	Incid. %	Head Severity %	Plot Severity %
1	Untreated Check	NA	NA	97.8	60.3	39.6	13.9	49.6	3.1	58.8	21.7	13.2
2	Folicur + NIS	4.0 fl oz + 0.125 % v/v	10.51	96.4	59.9	39.0	13.7	50.0	2.8	43.8	15.3	6.3
3	Prosaro + NIS	6.5 fl oz + 0.125 % v/v	10.51	99.3	60.5	39.3	13.8	24.5	3.0	47.5	11.5	5.5
4	Caramba + NIS	10.0 fl oz + 0.125 % v/v	10.51	97.4	60.0	40.0	13.5	23.0	3.2	52.5	17.4	9.0
5	KFD-09-01 + Topsin-M 4.5F	2.0 fl oz + 8.0 fl oz+0.125% v/v	10.51	96.1	60.0	39.1	13.7	30.8	3.0	50.0	19.2	10.0
6	Topguard (Flutriafol) + NIS	14.0 fl oz + 0.125 % v/v	10.51	99.5	60.2	40.4	13.6	37.0	2.9	47.5	14.3	7.0
7	Tilt + NIS	4.0 fl oz + 0.125 % v/v	10.50	96.3	60.1	40.7	13.6	49.8	2.7	48.8	20.2	10.3
11	Enable 2F + Agri-Dex COC	4.0 fl oz + 1.0 % v/v	10.51	101.0	60.8	40.3	13.4	23.5	1.8	55.0	16.8	9.0
12	Enable 2F + Propimax EC + Agri	4.0 + 4.0 fl oz + 1.0 % v/v	10.51	97.4	60.0	38.7	13.8	28.8	2.6	52.5	14.2	7.6
13	Prosaro + NIS (Flat Fan)	6.5 fl oz + 0.125 % v/v	10.51	97.0	60.2	39.7	13.4	21.5	3.2	46.3	15.9	7.8
14	Prosaro + NIS	6.5 fl oz + 0.125 % v/v	7 days post 10.51	99.8	60.7	42.0	13.9	41.5	1.9	56.3	19.0	11.0
			MEAN	97.6	60.1	39.7	13.7	35.4	2.8	51.3	17.7	9.3
			C.V.%	3.7	1.0	4.4	3.6	36.8	38.2	15.1	42.1	49.7
			LSD.05	NS	NS	NS	NS	18.6	NS	NS	NS	NS
			LSD.01	NS	NS	NS	NS	24.8	NS	NS	NS	NS
			Pr > F	0.1619	0.3119	0.4855	0.7856	0.0001	0.5751	0.1216	0.7525	0.3936
			#REPS	4	4	4	4	4	4	4	4	4

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

\*\* Treatments 1 through 7 are part of Uniform Scab Fungicide Evaluation program.

\*\* **'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 4 ; Harvest Date = August 14 ; Previous Crop = Soybean (\*some wheat straw distributed)

\*\* KFD-09-01 is a formulation of tebuconazole.