

NDSU Carrington Research Extension Center
2008 - Durum Evaluation
Fungicide Evaluations for Suppression of Fusarium Head Blight (Scab)

Fungicide Evaluation for Suppression of Fusarium Head Blight (Scab)	Carrington
--	-------------------

ID	Fungicide Treatment	Product Rate/Acre	Application Timing	Grain Yield bu/ac	Test Weight lb/bu	1000 KWT gram	Grain Protein %	Leaf Disease %	Don ppm	Incid. %	Head Severity %
1	Untreated Check	NA	NA	69.8	63.0	45.0	12.8	41.1	0.38	31.8	21.0
2	Folicur + NIS	4.0 fl oz + 0.125% v/v	10.51	73.5	63.2	46.1	13.0	17.5	0.15	21.0	15.6
3	Proline + NIS	5.0 fl oz + 0.125% v/v	10.51	76.9	63.4	47.1	13.0	11.4	0.13	18.7	15.5
4	Prosaro + NIS	6.5 fl oz + 0.125 % v/v	10.51	81.3	63.4	47.5	12.5	8.8	0.00	16.3	13.9
5	Caramba + NIS	10.0 fl oz + 0.125 % v/v	10.51	71.3	64.1	46.4	12.1	6.1	0.15	23.6	17.7
6	Caramba + NIS	14.0 fl oz + 0.125 % v/v	10.51	79.0	63.2	46.4	13.0	11.4	0.25	17.7	13.3
7	Topguard + NIS	14.0 fl oz + 0.125 % v/v	10.51	70.6	63.2	44.6	12.5	19.3	0.58	28.6	20.8
11	Caramba + Folicur	7.0 fl oz + 3.0 fl oz + 0.125 % v/v	10.51	77.7	63.4	45.3	11.8	7.0	0.00	16.7	15.3
12	Caramba + Proline	7.0 fl oz + 3.0 fl oz + 0.125 % v/v	10.51	78.6	63.8	46.3	11.9	15.8	0.13	16.5	14.8
13	Tilt + NIS	4.0 fl oz + 0.125% v/v	10.51	69.7	63.1	46.8	13.1	14.0	0.30	27.5	19.4
14	Prosaro + NIS	6.5 fl oz + 0.125 % v/v	7 days post 10.51	68.5	63.1	46.7	13.5	15.8	0.13	34.7	18.3
MEAN				75.1	63.3	46.5	12.6	13.7	0.16	22.1	16.6
C.V.%				5.1	0.7	2.7	7.2	44.6	165	29.7	31.9
LSD.05				5.4	NS	1.8	NS	8.7	NS	13.4	NS
LSD.01				7.2	NS	NS	NS	11.7	NS	NS	NS
Pr > F				0.0001	0.3150	0.0240	0.2295	0.0001	0.0855	0.0367	0.8775
#REPS				4	4	4	4	4	4	4	4

Spring Wheat Cultivar = Lebsock ; Planting Rate = 1.6 million PLS; Planting Date = May 7 ; Harvest Date = August 25 ; Previous Crop = Soybean

Folicur = tebuconazole; Caramba = metconazole; Topguard = flutriafol; Propimax = propiconazole; Tilt = propiconazole; Proline = prothioconazole.