

NDSU Carrington Research Extension Center
20067- Spring Wheat Evaluation
Fungicide Evaluations for Suppression of Fusarium Head Blight (Scab)

ID	Fungicide Treatment	Product Rate/Acre	Application Timing	Grain	Test	1000	Grain	Leaf	Don	Incid.	Head
				Yield	Weight	KWT	Protein	Disease			Severity
				bu/ac	lbs/bu	gms	%	%	ppm	%	%
1	Untreated Check	NA	NA	46.8	60.2	34.9	16.1	62.5	0.00	43.8	23.8
2	Folicur + NIS	4.0 fl oz + 0.125 % v/v	10.51	50.2	60.6	36.0	16.2	23.8	0.00	22.5	17.5
3	Prosaro (proxy) + NIS	3.0 fl oz + 3.0 fl oz + 0.125 % v	10.51	53.8	60.8	35.7	16.2	10.0	0.00	15.0	20.5
4	Caramba + NIS	10.0 fl oz + 0.125 % v/v	10.51	50.1	60.6	35.7	16.3	23.8	0.00	21.3	20.3
5	Caramba + NIS	13.5 fl oz + 0.125 % v/v	10.51	53.2	60.6	35.6	16.1	17.5	0.00	16.3	12.8
6	Topguard + NIS	14.0 fl oz + 0.125 % v/v	10.51	49.0	60.5	36.2	16.3	45.0	0.00	20.0	15.3
7	ProLine 480 EC + NIS	5.0 fl oz + 0.125 % v/v	10.51	48.6	60.3	35.6	16.3	21.8	0.00	21.3	13.5
8	Enable + Propimax EC	4.0 fl oz + 4.0 fl oz + 0.125 % v	10.51	51.2	60.5	36.2	16.2	15.8	0.00	21.3	18.8
9	Propimax EC + NIS	4.0 fl oz + 0.125 % v/v	10.51	49.8	60.4	36.0	16.3	13.8	0.00	18.8	12.8
10	Prosaro + NIS	6.5 fl oz + 0.125 % v/v	10.51	48.0	60.6	36.1	16.5	27.5	0.00	20.0	14.0
11	Prosaro + NIS + Sugar Mover	6.5 fl oz + 0.125 % v/v + 1.5 pt	10.51	48.0	60.5	35.9	16.5	16.3	0.00	21.3	17.5
12	Prosaro + NIS (Flat Fan)	6.5 fl oz + 0.125 % v/v	10.51	48.5	60.3	36.0	16.4	20.5	0.00	20.0	16.8
13	Prosaro + NIS	6.5 fl oz + 0.125 % v/v	10.3	51.8	60.8	35.7	16.4	14.8	0.00	16.3	19.0
14	Tilt + NIS	4.0 fl oz + 0.125 % v/v	10.50	49.5	60.8	36.2	16.4	23.8	0.00	18.8	14.0
15	Prosaro + NIS	6.5 fl oz + 0.125 % v/v	7 days post 10.51	51.4	60.7	37.0	16.1	16.8	0.00	17.5	12.5
16	Untreated Check	NA	NA	42.5	60.2	34.9	16.2	67.5	0.00	30.0	23.3

		MEAN	49.4	60.5	35.8	16.3	26.3	0.00	21.5	17.0
		C.V.%	6.5	0.6	2.6	1.1	33.3	na	31.3	36.7
Folicur = tebuconazole	Enable = fenuconazole	LSD.05	4.6	NS	NS	NS	12.5	NS	9.6	NS
Caramba = metconazole	Propimax = propiconazole	LSD.01	6.1	NS	NS	NS	16.4	NS	12.8	NS
Topguard = flutriafol	Tilt = propiconazole	Pr > F	0.0064	0.1590	0.3715	0.0722	4.0000	na	0.0001	0.1888
ProLine = prothioconazole		#REPS	4	4	4	4	4	4	4	4
Prosaro = proxy of Folicur + Proline										

** 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.

** Treatments applied with 17.0 gallons of water per acre at 35 psi pressure using 8002 Twinjet tips. ** 'Induce' was the NIS product utilized.

** Spring Wheat Cultivar = Steele-ND ; Planting Rate = 1.6 million PLS

** Planting Date = May 10 ; Harvest Date = August 15 ; Previous Crop = Soybean (*some wheat straw distributed)