

NDSU: Carrington Research Extension Center

2003

Fungicide Evaluations for Suppression of Fusarium Head Blight (Scab)  
Spring Wheat Evaluation

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 %	Plot Severity %
1	Untreated Check	NA	NA	52.6	59.8	28.8	15.4	52	0.6	24.2	36.9	9.0
2	Folicur + NIS	4.0 fl oz + 0.125 % v/v	10.51	66.1	61.2	32.2	15.0	30	0.1	16.7	27.6	4.6
3	JAU 6476 + NIS	5.7 fl oz + 0.125 % v/v	10.51	65.3	61.4	31.6	15.0	28	0.4	18.3	20.1	3.6
4	JAU 6476 + NIS	5.0 fl oz + 0.125 % v/v	10.51	63.3	61.5	31.1	14.8	26	0.1	17.5	24.7	4.1
5	JAU 6476 +Folicur +NIS	3.6 fl oz + 4 fl oz + 0.125 % v/v	10.51	72.3	61.7	32.7	15.2	20	0.1	16.7	25.8	4.4
6	V-10116 + NIS	6.0 fl oz + 0.125 % v/v	10.51	64.3	61.6	31.7	15.1	35	0.1	19.2	18.9	4.0
7	V-10116 + NIS	8.0 fl oz + 0.125 % v/v	10.51	68.6	61.0	31.5	14.8	19	0.1	19.2	19.3	3.9
8	Tilt + NIS	4.0 fl oz + 0.125 % v/v	10.51	63.7	61.6	32.1	15.3	20	0.3	18.3	25.0	4.8
9	JAU 6476 +Folicur +NIS	2.85 fl oz + 2.0 fl oz + 0.125 % v/v	10.51	66.6	61.6	31.6	15.1	21	0.1	19.2	24.7	4.8
10	JAU 6476 + V-10116 + NIS	3.6 fl oz + 4.0 fl oz + 0.125 % v/v	10.51	76.1	62.4	32.7	14.4	19	0.1	9.2	19.4	2.7
11	Folicur + NIS	2.0 fl oz + 0.125 % v/v	10.51 + 7 days	65.2	61.6	32.3	15.0	25	0.1	13.3	18.3	2.5
12	JAU 6476 + NIS	2.85 fl oz + 0.125 % v/v	10.51 + 7 days	68.7	61.9	33.2	15.2	25	0.1	14.2	15.8	2.7
13	Folicur + NIS	4.0 fl oz + 0.125 % v/v	7 days post 10.51	64.2	61.6	33.0	15.3	21	0.3	20.8	24.0	5.1
14	JAU 6476 + NIS	5.7 fl oz + 0.125 % v/v	7 days post 10.51	63.4	61.5	32.1	15.2	17	0.1	14.2	16.5	2.2
15	JAU 6476 +Folicur +NIS	3.6 fl oz + 4 fl oz + 0.125 % v/v	7 days post 10.51	63.7	61.1	32.5	15.2	23	0.1	15.8	22.3	3.3
			MEAN	64.8	61.3	31.7	15.1	26.9	0.2	17.6	23.5	4.4
			C.V.%	7.2	0.9	3.1	2.2	32.1	90.8	30.0	56.0	61.1
			LSD.05	6.7	0.8	1.4	0.5	12.3	0.3	7.5	NS	3.8
			LSD.01	8.9	1.1	1.9	NS	16.4	NS	NS	NS	NS
			#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.

\*\* Spring Wheat Cultivar = Russ; Planting Rate = 1.6 million PLS

\*\* Planting Date = May 13 ; Harvest Date = August 22 ; Previous Crop = Soybean (\*wheat straw distributed)