

NDSU: Carrington Research Extension Center
2003
Fungicide Evaluations for Suppression of Fusarium Head Blight (Scab)
Durum Wheat Evaluation

ID	Fungicide Treatment	Product Rate/Acre	Application Timing	Grain	Test	1000	Grain	Don	Incid.	Head Severity	Plot Severity	
				Yield	Weight	KWT	Protein					
				bu/ac	lb/bu	gram	%	ppm	%	%	%	
1	Untreated Check	NA	NA	73.0	60.4	35.0	13.8	2.2	22.1	35.4	7.5	
2	Folicur + NIS	4.0 fl oz + 0.125 % v/v	10.51	83.8	62.0	39.5	13.6	0.4	16.7	22.6	4.0	
3	JAU 6476 + NIS	5.7 fl oz + 0.125 % v/v	10.51	88.4	62.5	40.9	13.1	0.1	9.2	8.6	1.1	
4	JAU 6476 + NIS	5.0 fl oz + 0.125 % v/v	10.51	86.1	62.2	40.0	13.4	0.1	12.5	22.6	3.5	
5	JAU 6476 +Folicur +NIS	3.6 fl oz + 4 fl oz + 0.125 % v/v	10.51	84.9	62.3	40.7	13.6	0.1	10.0	11.9	1.6	
6	V-10116 + NIS	6.0 fl oz + 0.125 % v/v	10.51	86.2	62.2	38.7	13.3	0.1	14.2	12.7	2.2	
7	V-10116 + NIS	8.0 fl oz + 0.125 % v/v	10.51	86.2	62.1	39.7	13.4	0.1	10.0	14.3	1.7	
8	Tilt + NIS	4.0 fl oz + 0.125 % v/v	10.51	78.7	61.9	39.4	13.1	0.7	15.8	28.8	4.5	
9	JAU 6476 +Folicur +NIS	2.85 fl oz + 2.0 fl oz + 0.125 % v/v	10.51	89.2	62.2	40.2	13.8	0.1	9.2	22.6	2.3	
10	JAU 6476 + V-10116 + NIS	3.6 fl oz + 4.0 fl oz + 0.125 % v/v	10.51	90.2	61.9	40.9	13.6	0.1	12.5	6.2	1.0	
11	Folicur + NIS	2.0 fl oz + 0.125 % v/v	10.51 + 7 days	83.0	61.8	40.3	13.6	0.3	13.3	13.7	2.0	
12	JAU 6476 + NIS	2.85 fl oz + 0.125 % v/v	10.51 + 7 days	84.6	62.5	41.6	12.9	0.1	11.7	7.1	0.9	
13	Folicur + NIS	4.0 fl oz + 0.125 % v/v	7 days post 10.51	81.0	61.6	38.7	13.4	0.6	20.8	23.7	5.0	
14	JAU 6476 + NIS	5.7 fl oz + 0.125 % v/v	7 days post 10.51	80.0	60.6	37.1	14.0	0.4	22.5	11.4	2.6	
15	JAU 6476 +Folicur +NIS	3.6 fl oz + 4 fl oz + 0.125 % v/v	7 days post 10.51	79.3	61.5	39.9	13.6	0.2	18.3	17.4	3.4	
				MEAN	83.0	61.8	39.2	13.5	0.5	15.1	18.4	3.2
				C.V.%	6.5	1.2	4.4	4.3	56.0	36	64.8	75.9
				LSD.05	7.7	1.1	2.4	NS	0.4	7.7	17.0	3.4
				LSD.01	10.3	1.4	3.3	NS	0.5	10.3	22.6	4.5
				#REPS	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 Wheat Cultivar = Mountrail; Planting Rate = 1.6 million PLS

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