

Domark Fungicide Demonstration in Corn.

Trial ID: 11-20A-MMW50 Location: Belleville Res. Center

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 City State Zip Country: Belleville IL 62221 USA
 Trial Status: FINAL Initiation Date: 5-31-11

Objectives: Demonstrate the performance of Domark foliar fungicide applied at the VT growth stage of corn.

Crop 1: ZEAMD Dent corn Variety: DKC 64-82 Description: RR2
 Planting Method: SEEDED Planting Date: 5-31-11
 Rate, Unit: 28000 S/A Depth, Unit: 1.5 IN
 Row Spacing, Unit: 30 IN

Code: NA

Plot Width, Unit: 20 FT Site Type: FIELD
 Plot Length, Unit: 220 FT Tillage Type: REDUCED-TILL
 Replications: 1 Study Design: Non-Randomized

Prior Crops, Year

1. GLXMA 2010

Field Prep./Maintenance: N 150 LB/A, P205 50 LB/A, K20 150 LB/A

% OM: 2 Texture: SILT LOAM
 pH: 6.8 Soil Name: BETHALTO
 CEC: 10 Fert. Level: P1 64 LB/A, K 327 LB/A

Application Description

A
 Application Date: 7-22-11
 Time of Day: 7:30
 Application Method: Spray
 Application Timing: VT
 Application Placement: BROFOL
 Applied By: LAH
 Air Temperature, Unit: 86 F
 % Relative Humidity: 75
 Wind Velocity, Unit: 0 MPH
 Dew Presence (Y/N): N
 Soil Temperature, Unit: 83 F
 Soil Moisture: BELNOR
 % Cloud Cover: 0

22-7-11
 Crop stage at application: VT
 Height Min, Max (inch): 125 130

Pest Stage At Each Application

Application Date: 7-22-11
 Weed Code: NA
 Stage Majority (leaves): NA

Application Equipment

Appl. Equipment: CO2 sprayer
 Operating Pressure: 40 PSI
 Nozzle Type: Flat fan
 Nozzle Size: XR 8002
 Boom Length, Unit: 5 FT
 Spray Volume, Unit: 20 GPA

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Pest Code	CERCZM	CERCZM
Crop Code	ZEAMD	ZEAMD
Rating Date	8-26-11	8-26-11
Rating Data Type	Incidence	Severity
Rating Unit	Percent	Percent
Rating Timing		
Trt-Eval Interval	35 DA-A	35 DA-A

Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code		
1	DOMARK	1.9	ME	0.0594	lb ai/a	4	fl oz/a	VT	A	0	0.0
1	NIS (ACTIVATOR 90)	100	SL	0.125	% v/v	0.125	% v/v	VT	A		
2	NONTREATED									90	0.5

LSD (P=.05)

Means followed by same letter do not significantly differ (P=.05, LSD)

Trial Comments

1. Protocol: Valent (Demo).
2. Ratings: CI/DI/DS at 21 DAT.
3. Yield.
4. Blanket PRE application of Degree Xtra (3 qt/A) plus Atrazine (1 lb ai/A) was applied to entire area on 5-31-11.
5. Mix (2) 2 liter bottles, mix size and amounts are for each bottle.
Spray 10 ft wide, make (2) passes with a 5 ft boom.
6. CERCZM = Grey leaf spot of corn.
7. Harvested 10-7-11, (2) 30 inch rows by 217 ft.