University of Georgia, Cooperative Extension Service

Evaluation of Telone II for Common Bermuagrass and Nutsedge Control Prior to Establishment of Hybrid Bermudagrass

Trial ID: Dow Agro Bern Renov 1       Study Director: Jonathan Bohn
Location: Marshallville, GA             Investigator: Clint Waltz

General Trial Information
Study Director: Jonathan Bohn               Title: Technician
Affiliation: The University of Georgia - Crop and Soil Sciences
Postal Code: 30223-1797
Investigator: Clint Waltz               Title: Asst. Professor
Affiliation: The University of Georgia - Crop and Soil Sciences
Postal Code: 30223-1797    E-mail: CWaltz@UGA.edu

Trial Location
City: Marshallville                         Trial Status: ESTABLISHED
State/Prov.: GA                             Initiation Date: 25/Jun/2004

Objectives:
Long-term control of noxious weeds (bermudagrass and nutsedge) on hybrid bermudagrass sod production fields

Crop Description
Crop 1: CYNDA  Cynodon dactylon             Bermudagrass
Variety: 'Tifway' / '419'                Description: Establishing Sod Field
BBCH Scale: BGRM

Pest Description
Pest 1 Type: W Code: CYNDA  Cynodon dactylon
Common Name: Bermuda grass
Description: Common

Pest 2 Type: W Code: CYPRO  Cyperus rotundus
Common Name: Cocograss

Site and Design
Plot Width, Unit: 18 FT     Site Type: TURF - SODFARM
Plot Length, Unit: 100 FT
Replications: 4     Study Design: Split-Plot

Trial Initiation Comments:
Treated the middle 12-feet of plots.

Previous Crops Previous Pesticides Year
1. Hybrid Bermudagrass
2. Common Bermudagrass

Soil Description
% Sand: 83          Texture: LOAMY SAND
% Silt: 10.5        pH: 5.0
% Clay: 6.5

Moisture Conditions
Closest Weather Station: Fort Valley Distance: 20 Unit: MI
Date | Time | Amount | Unit | Type | Interval | Unit
---|---|---|---|---|---|---
25/Jun/2004 | 7:00 pm | 0.4 | IN | RAIN (MODERATE) - intermitant

**Application Description**

**Crop Stage At Each Application**

**Pest Stage At Each Application**

**Application Equipment**

**Notes**

25/Jun/2004  FCW  Application went well. Ran out of Telone II in plots 102/202 and 303/403. Due to equipment malfunction, tarp was removed on upper half of plots then replaced on plots 306/406. Narrower plot size for plots 106/206.
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<table>
<thead>
<tr>
<th>Pest Type</th>
<th>Crop Code</th>
<th>BBCH Scale</th>
<th>Crop Variety</th>
<th>Description</th>
<th>Rating Date</th>
<th>Rating Data Type</th>
<th>Rating Unit</th>
<th>Number of Subsamples</th>
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Means followed by same letter do not significantly differ (P=.05, LSD)  
Mean separations are based on the complete error term.  
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.