

COMMON LAMBSQUARTERS BURNDOWN I

Trial ID: 04COLQ1      Study Dir.: Anthony F. Dobbels  
Location: WESTERN BRANCH F-9      Investigator: Dr. Mark M. Loux

GENERAL TRIAL INFORMATION

Study Director: Anthony F. Dobbels  
Investigator: Dr. Mark M. Loux

Conducted Under GLP (Y/N): N      Conducted Under GEP (Y/N): N

CROP AND WEED DESCRIPTION

Weed Code	Common Name	Scientific Name
1.	CHEAL Lambsquarters, common	Chenopodium album
2.	AMBEL Ragweed, common	Ambrosia artemisiifolia
3.	AMBTR Ragweed, giant	Ambrosia trifida
4.	ERICA Horseweed	Conyza canadensis
5.	TAROF Common dandelion	Taraxacum officinale

Crop 1: GLXMA SOYBEAN      Variety: PIONEER 93B36  
Planting Date: 5-28-04      Planting Method: JOHN DEERE 7200  
Rate: 205000 SEED/A      Depth: 0.5 IN  
Row Spacing: 30 IN      Seed Bed: NO-TILL

SITE AND DESIGN

Plot Width, Unit: 6.67 FT      Plot Length, Unit: 30 FT      Reps: 3  
Tillage Type: NO-TILL      Study Design: RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

% OM: 3.2      Texture: silt loam  
pH: 6.4      Soil Name: Crosby  
CEC: 15

APPLICATION DESCRIPTION

A

Application Date: 5-19-04  
Time of Day: 2:00 P.M.  
Application Method: SPRAY  
Application Timing: POST  
Applic. Placement: BROADCAST  
Air Temp., Unit: 71 F  
% Relative Humidity: 92  
Wind Velocity, Unit: 1 S  
Soil Temp., Unit: 70 F  
Soil Moisture: MOIST/WET  
% Cloud Cover: 100

CROP STAGE AT EACH APPLICATION

A

Crop 1 Code, Stage: GLXMA

WEED STAGE AT EACH APPLICATION

A

Weed 1 Code, Stage: CHEAL 3-6"  
Stage Scale: >12 LVS  
Density, Unit: 12 M2  
Weed 2 Code, Stage: AMBEL 2-5"  
Stage Scale: 4-6 LVS  
Density, Unit: 8 M2  
Weed 3 Code, Stage: AMBTR 12"  
Stage Scale: >12 LVS  
Density, Unit: 6 M2  
Weed 4 Code, Stage: ERICA 4"  
Stage Scale: >12 LVS  
Density, Unit: 4 M2  
Weed 5 Code, Stage: TAROF 24"  
Stage Scale: >12 LVS  
Density, Unit: 3 M2

APPLICATION EQUIPMENT

A

Appl. Equipment: BACKPACK  
Operating Pressure: 50  
Nozzle Type: DG  
Nozzle Size: 11002  
Nozzle Spacing, Unit: 18 IN  
Ground Speed, Unit: 3 MPH  
Carrier: WATER  
Spray Volume, Unit: 20 GPA  
Propellant: CO2

