

MSU Weed Science Research Program

High yielding programs with BASF management systems - SVREC

Trial ID: SOY17-11 Study Dir.: Sprague, Powell
Conducted: SVREC Investigator: Christy Sprague

Date Planted: 5/24/2011 Row Spacing: 15 IN
Variety: Asgrow 2330 No. of Reps: 6
Population: 175,000 seeds/A % OM: 2.5
Soil Type: Clay Loam pH: 7.9
Plot Size: 10 X 38.5 FT Design: RANDOMIZED COMPLETE BLOCK

Tillage: Conventional
Fertilizer: None at planting

Crop and Weed Description

Table with 4 columns: Weed, Code, Common Name, Scientific Name. Contains entries for CHEAL (LAMBSQUARTERS), AMAPO (AMARANTH), and GLXMA (SOYBEAN).

Application Description

Table with 4 columns: Application Timing, A, B, C. Lists parameters like Date Treated, Time Treated, % Cloud Cover, Air Temp., etc.

Crop Stage at Each Application

Table with 4 columns: Crop Name, A, B, C. Shows crop stages for GLXMA at different application points.

Weed Stage at Each Application

Table with 4 columns: Weed Name, A, B, C. Shows weed stages for CHEAL and AMAPO at different application points.

Application Equipment

Table with 11 columns: Appl, Sprayer, Speed, Nozzle, Nozzle, Nozzle, Nozzle, Boom, GPA, Carrier, PSI. Details equipment used for applications A, B, and C.

Comments: There were no diseases present in this study. No differences in disease control on 8/25 or 9/7.

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Table with columns: Weed Code, Crop Code, Rating Data Type, Rating Unit, Rating Date, Trt-Eval Interval, # Subsamples, Dec., CHEAL, AMAPO, GLXMA, CHEAL, AMAPO. Includes treatment details like Roundup PowerMax, Valor, Zidua, Sharpen, AMS, Priaxor, Activator 90 and summary statistics like LSD, Standard Deviation, CV.

Means followed by same letter do not significantly differ (P=.05, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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