

CHEMICAL APPLICATION REPORT

DATE OF APPLICATION: 06/17/2011

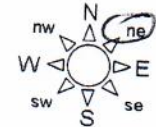
RESTRICTED ENTRY INTERVAL (REI): 4 HR

DESCRIPTION OF AREA: GLBRC G4; G3;
REP "6" IN-TRAP

**DO NOT ENTER
UNTIL (DATE/TIME):**
6/17/2011
8:30pm

WEATHER CONDITIONS: LTER LYS N-END
CES -2
Sunny Partly Sunny Partly Cloudy Cloudy Rainy

Time begin 1:30 end 4:30
Air Temperature: 78 °F °C
Wind Velocity: 6 mph
Relative Humidity: 62 %



Wind Direction

COMMENTS: 22 oz/A Roundup Power Max + AUS

JOB PERFORMED:
Spray Fertilize Other:

PURPOSE OF APPLICATION: POST PLANT WEED CONTROL

SPRAYER TYPE:
AIR-BLAST HAND SPRAYER CO₂ BOOM SPRAYER OTHER

SPECIFIC INFORMATION: SOYBEAN & CANOLA

CROP TREATED (species)				
PRODUCT NAME	ACTIVE INGREDIENT	EPA Registration Number (CAS if applicable)	APPLICATION RATE	TOTAL AMOUNT APPLIED
ROUNDUP POWER MAX	GLYPHOSATE		22 oz/A	
AMMONIUM SULFATE			3.4 lbs/A	

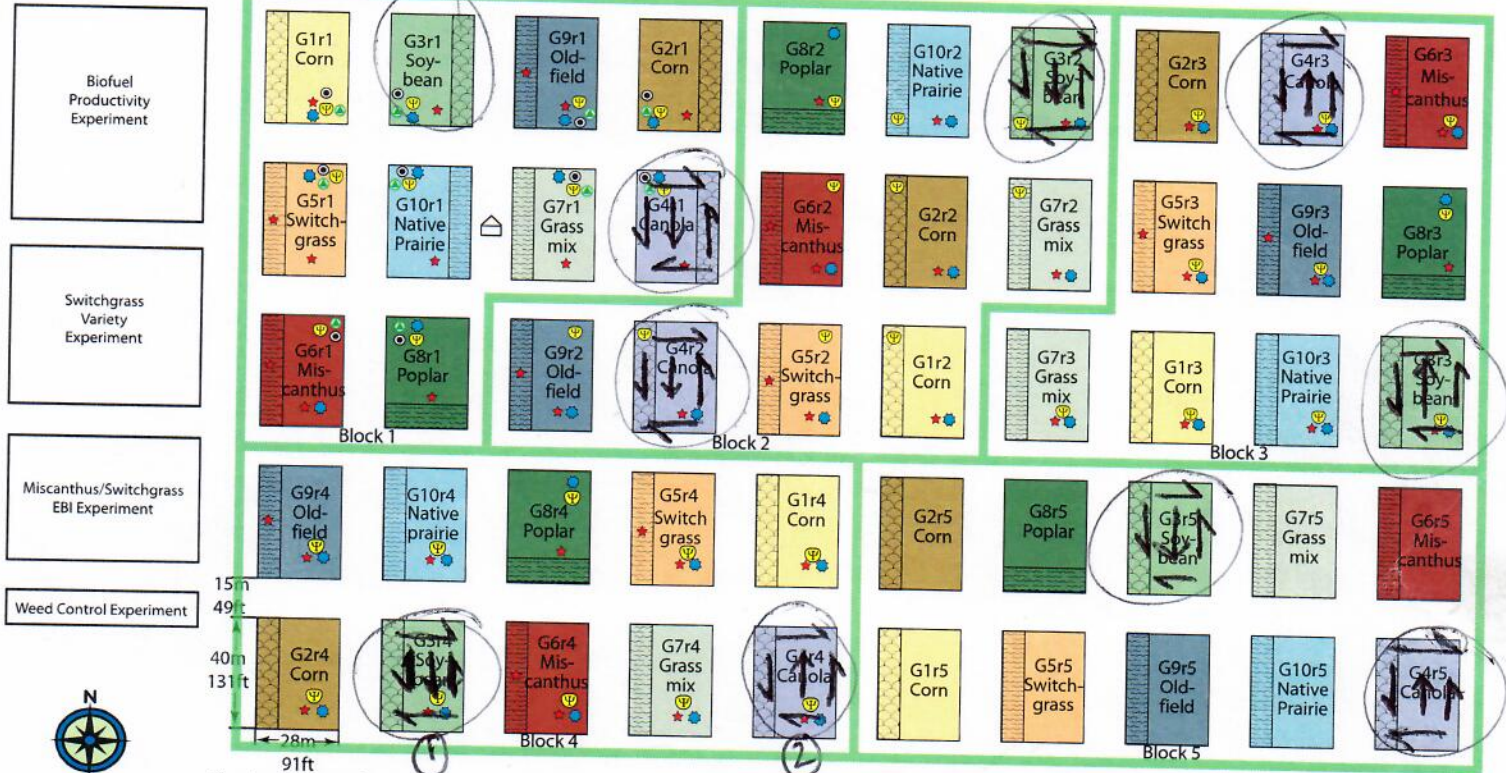
OTHER COMMENTS/EQUIPMENT USED: Equipment used: JD 5220 tractor traveling 5.0 mph (gear C1, 1600 rpm) with a pull type Top Air Sprayer equipped with a hydraulic centrifugal sprayer pump and a Raven 440 automatic carrier control unit. Turbo TeeJet 11003 nozzles were used, spaced 15 inches apart with a total boom length of 30 feet. 20-30 psi was used. Water applied at 20 gals/A (187 L/Ha) was used as the carrier.

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**MICHIGAN STATE
UNIVERSITY**

KBS GLBRC Intensive Field Site (2011)



Biofuel Productivity Experiment

Switchgrass Variety Experiment

Miscanthus/Switchgrass EBI Experiment

Weed Control Experiment



Treatment Legend

- | | |
|------------------------|---------------------|
| G1 Continuous corn | G6 Miscanthus |
| G2 Corn-Soybean-Canola | G7 Native Grass mix |
| G3 Soybean-Canola-Corn | G8 Poplar |
| G4 Canola-Corn-Soybean | G9 Old field |
| G5 Switchgrass | G10 Native prairie |

Plot Legend

- Trace gas flux chamber
- Low tension suction lysimeter
- Trace gas shed
- Time domain reflectometry (TDR)
- Automated gas chamber
- Trime TDR
- Unfertilized microplot (G10-fertilized)
- Stover non removal microplot

Switchgrass Nitrogen/Harvest Experiment