

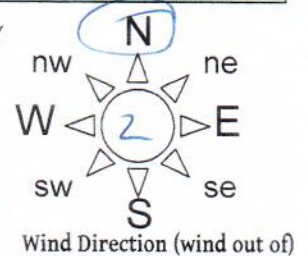
# CHEMICAL APPLICATION REPORT

DATE OF APPLICATION: APRIL 27, 2012  
 RESTRICTED ENTRY INTERVAL (REI): ~~5HR~~ 12 HR  
 LOCATION, SIZE & DESCRIPTION OF AREA: GLBRC  
G1, G2, G3, G4 & BAIT CROPS

DO NOT ENTER  
 UNTIL (DATE/TIME):  
4-28  
4 AM

### WEATHER CONDITIONS

SUNNY  MOSTLY SUNNY  PARTLY CLOUDY  CLOUDY  RAINY



Time (begin/end): 10:30 A

Air Temperature: 42  °F  °C

Relative Humidity: 50 % Wind Velocity: 2 mph avg

JOB PERFORMED  FERTILIZE  SPRAY  OTHER \_\_\_\_\_

CROP TREATED:  CORN  SOYBEANS  WINTER WHEAT  OTHER \_\_\_\_\_

APPLICATION:  PREPLANT (BURNDOWN)  PRE-EMERGE  POST-EMERGE  OTHER \_\_\_\_\_

CARRIER USED:  WATER  OTHER \_\_\_\_\_ TOTAL AMT. CARRIER USED 20 gal A / 300 gal

TARGET PEST:  BROADLEAF WEEDS  FUNGUS  GRASS WEEDS  INSECTS  OTHER \_\_\_\_\_

### METHOD OF APPLICATION (sprayer type)

AIR-BLAST  BOOM SPRAYER  CO<sub>2</sub>  HAND SPRAYER  OTHER \_\_\_\_\_

PRODUCT BRAND NAME	INGREDIENT	EPA Registration No. (CAS if applicable)	APPLICATION RATE	APPLICATION CONCENTRATION	TOTAL AMOUNT APPLIED (PRODUCT + CARRIER)
ROUND-UP POWERMAX	GLYPHOSATE	524-549	32 oz/A	32 oz/20 gal	300 gal
2,4-DLV4	ESTER of 2,4-D	1381-102	16 oz/A	16 oz/20 gal	↓
AMMONIUM SULFATE			3.4 lbs/A	3.4 lbs/20 gal	↓

APPLICATOR NAME: PETER HUGY  
 (PRINTED NAME)

517.927.6682  
 APPLICATOR'S TELEPHONE NUMBER

APPLICATOR'S CERTIFICATION NUMBER: C006090318

RESEARCH PROJECT LEADER: ROBERTSON

TELEPHONE: 269/671-2267

ADDITIONAL COMMENTS/OBSERVATIONS: \_\_\_\_\_

White - FSC ORIGINAL  
 Canary - Additional Copy  
 Pink - Applicator's Copy

**MICHIGAN STATE**  
 UNIVERSITY

# KBS GLBRC Intensive Field Site (2012)

Biofuel Productivity Experiment  
 2/3  
 from center of R. boom

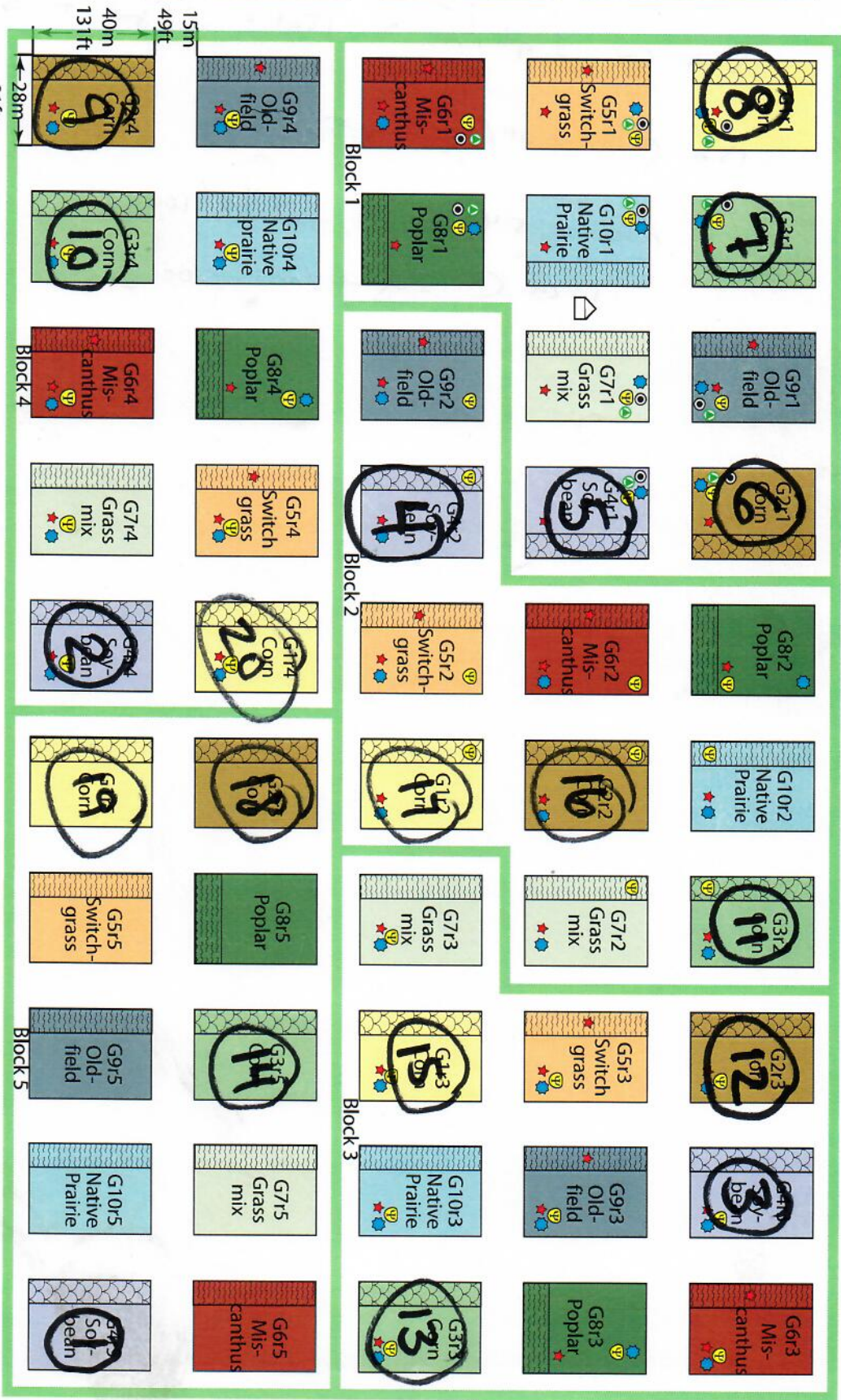
Switchgrass Variety Experiment

Miscanthus/Switchgrass EBI Experiment

Weed Control Experiment



3203/A Round-Up.  
 2pt/A 2,4-D U&4



- Treatment Legend**
- G1 Continuous corn
  - G2 Continuous corn + cover crops
  - G3 Corn-Soybean + cover crops
  - G4 Soybean-Corn + cover crops
  - G5 Switchgrass
  - G6 Miscanthus
  - G7 Native Grass mix
  - G8 Poplar
  - G9 Old field
  - 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

G1-4 133 Goldenro

4-15 + bait crop.