

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.3  
 %OM: 2.4  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 25 FEET  
 PLOT AREA: 250 FEET

DESIGN: RCB  
 REPS: 3

| APPL. NUMBER     | 01        | UNIT |
|------------------|-----------|------|
| TIMINGS          | 11        |      |
| TYPE             | LIQMIX    |      |
| APPLICATION DATE | 07/15/08  | AME  |
| AIR TEMPERATURE  | 90        | F    |
| % REL.HUMIDITY   | 35        |      |
| WIND DIRECTION   | SOUTHWEST |      |
| WIND SPEED       | 2.0       | M/H  |
| CLOUD COVER      | CLEAR     |      |
| DEW              | NO        |      |
| SOIL MOISTURE    | DRY/MOIST |      |
| SOIL CONDITION   | ---       |      |
| METHOD           | SPRAY     |      |
| EQUIPMENT        | SPRBAC    |      |
| PROPELLANT       | COMCO2    |      |
| PLACEMENT        | BRFOSO    |      |
| NOZZLE           | FLATFAN   |      |
| NOZZLE NUMBER    | 6         |      |
| NOZZLE SPACING   | 20.000    | IN   |
| SCREEN SIZE      |           |      |
| SCREEN SZ DESC   | NA        |      |
| SWATH WIDTH      | 10.0      | FT   |
| SPRAY VOLUME     | 20.00     |      |
| SCREEN SIZE      | GPA       |      |
| PRESSURE         | 32.00     | PSI  |
| DILUENT          | WATER     |      |
| INC. DATE        |           | AME  |
| INC. START       |           | 24H  |
| INC. END         |           | 24H  |
| INC. DEPTH       |           | IN   |
| INC. EQUIPMENT   | ---       |      |
|                  | DN/SG/MMZ |      |
| *** CROP ***     |           |      |
| SOYBEAN          | ---/15    |      |
| ASGROW 3901RR    | 8.00/8.00 | IN   |
| 06/18/2008       |           |      |
| *** PEST ***     |           |      |
| WATERHEMP, COMMO | ---/19    |      |
|                  | 2.00/8.00 | IN   |

## \* TIMING CODES

11 = ----- / EPOST

## \* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Monsanto postmergence strategies in roundup-ready soybean 30-17. South  
**CREATED:** 05/09/2008 **REVISED:** 09/08/2008 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** W. R. Site South **RESEARCHED BY:** UNIV. OF IL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 25.00 FT LONG  
**PLOT AREA:** 250.00 SFT

REPS: 03

| TRT                | TREATMENT      | DOSAGE | GLXMA | AMATA | GLXMA    | AMATA    | GLXMA    | AMATA    |
|--------------------|----------------|--------|-------|-------|----------|----------|----------|----------|
| NUM                | COMPONENT      | RATE   | UNIT  | TM    | CON %    | CON %    | CON %    | CON %    |
|                    |                |        |       |       | 07/22/08 | 07/22/08 | 07/28/08 | 07/28/08 |
|                    |                |        |       |       |          |          |          |          |
| 1A»                | RDUP ORIG MAX  | 0.75   | LAA   | 12    | 0        | 30       | 0        | 32       |
| B»                 | LIQUID AMS     | 2.50   | PMV   | 12    |          |          |          | 0        |
| 2A»                | RDUP ORIG MAX  | 0.75   | LAA   | 11    | 0        | 32       | 0        | 30       |
| B»                 | LIQUID AMS     | 2.50   | PMV   | 11    |          |          |          | 0        |
| 3A»                | RDUP ORIG MAX  | 0.75   | LAA   | 11    | 12       | 67       | 5        | 57       |
| B                  | COBRA 2EC      | 0.156  | LAA   | 11    |          |          |          | 3        |
| C»                 | LIQUID AMS     | 2.50   | PMV   | 11    |          |          |          | 47       |
| 4A»                | RDUP ORIG MAX  | 0.75   | LAA   | 11    | 0        | 30       | 0        | 32       |
| B                  | FIRSTRATE 84WG | 0.016  | LAA   | 11    |          |          |          | 0        |
| C»                 | LIQUID AMS     | 2.50   | PMV   | 11    |          |          |          | 30       |
| 5A»                | RDUP ORIG MAX  | 0.75   | LAA   | 11    | 0        | 30       | 0        | 33       |
| B                  | RAPTOR 1SL     | 0.031  | LAA   | 11    |          |          |          | 0        |
| C»                 | LIQUID AMS     | 2.50   | PMV   | 11    |          |          |          | 32       |
| 6A»                | RDUP ORIG MAX  | 0.75   | LAA   | 11    | 5        | 77       | 5        | 75       |
| B                  | FLEXSTAR 1.88  | 0.294  | LAA   | 11    |          |          |          | 4        |
| C»                 | LIQUID AMS     | 2.50   | PMV   | 11    |          |          |          | 60       |
| 7A»                | RDUP ORIG MAX  | 0.75   | LAA   | 11    | 3        | 73       | 2        | 73       |
| B                  | ULTRA BLAZER   | 0.375  | LAA   | 11    |          |          |          | 3        |
| C»                 | LIQUID AMS     | 2.50   | PMV   | 11    |          |          |          | 63       |
| 8A»                | RDUP ORIG MAX  | 0.75   | LAA   | 11    | 2        | 43       | 2        | 33       |
| B                  | RESOURCE (0.86 | 0.054  | LAA   | 11    |          |          |          | 0        |
| C»                 | LIQUID AMS     | 2.50   | PMV   | 11    |          |          |          | 32       |
| 9A»                | RDUP ORIG MAX  | 0.75   | LAA   | 11    | 2        | 30       | 1        | 32       |
| B                  | CLASSIC 25WG   | 0.012  | LAA   | 11    |          |          |          | 0        |
| C»                 | LIQUID AMS     | 2.50   | PMV   | 11    |          |          |          | 32       |
| 10A»               | RDUP ORIG MAX  | 0.75   | LAA   | 11    | 2        | 30       | 0        | 30       |
| B                  | HARMONY GT     | 0.004  | LAA   | 11    |          |          |          | 0        |
| C»                 | LIQUID AMS     | 2.50   | PMV   | 11    |          |          |          | 30       |
| 11A»               | RDUP ORIG MAX  | 0.75   | LAA   | 11    | 1        | 32       | 0        | 32       |
| B                  | BASAGRAN 4SL   | 1.00   | LAA   | 11    |          |          |          | 0        |
| C»                 | LIQUID AMS     | 2.50   | PMV   | 11    |          |          |          | 30       |
| 12A»               | RDUP ORIG MAX  | 0.75   | LAA   | 11    | 13       | 43       | 18       | 50       |
| B                  | BUTYRAC 2SL    | 0.22   | LAA   | 11    |          |          |          | 22       |
| C»                 | LIQUID AMS     | 2.50   | PMV   | 11    |          |          |          | 43       |
| LSD (0.05)         |                |        |       |       | 2.16     | 6.33     | 1.55     | 4.87     |
| STANDARD DEVIATION |                |        |       |       | 1.00     | 3.00     | 0.749    | 2.35     |
|                    |                |        |       |       |          |          |          | 2.27     |
|                    |                |        |       |       |          |          |          | 1.10     |
|                    |                |        |       |       |          |          |          | 4.40     |
|                    |                |        |       |       |          |          |          | 2.12     |

» = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

11 = ----- / EPOST 07/15/2008(1)

12 = ----- / POST

| H#  | CUSTOM#1 | CUSTOM#2 | EV. DATE   | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS   | C.M | CTRT | SS | NOTE |
|-----|----------|----------|------------|----|-----|--------|-------|-----|-----|-----|-----|-----|---------|-----|------|----|------|
| 001 | GLXMA    | CON %    | 07/22/2008 | 01 | P   | GLXMA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 002 | AMATA    | CON %    | 07/22/2008 | 02 | P   | AMATA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 003 | GLXMA    | CON %    | 07/28/2008 | 01 | P   | GLXMA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 004 | AMATA    | CON %    | 07/28/2008 | 02 | P   | AMATA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 005 | GLXMA    | CON %    | 08/05/2008 | 01 | P   | GLXMA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 006 | AMATA    | CON %    | 08/05/2008 | 02 | P   | AMATA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |

## \* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = ASGROW 3901RR