

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET
 PLOT AREA: 300 FEET

DESIGN: RCB
 REPS: 3

| APPL. NUMBER | 01 | 02 | 03 | 04 | 05 | UNIT |
|------------------|-----------|-----------|-----------|-----------|-----------|------|
| TIMINGS | 11 | 12 | 13 | 14 | 15 | |
| TYPE | LIQMIX | LIQMIX | LIQMIX | LIQMIX | LIQMIX | |
| APPLICATION DATE | 05/29/07 | 06/05/07 | 06/06/07 | 06/11/07 | 06/15/07 | AME |
| AIR TEMPERATURE | 81 | 65 | 64 | 85 | 82 | F |
| % REL.HUMIDITY | 50 | 55 | 30 | 28 | 33 | |
| WIND DIRECTION | SOUTH | SOUTHEAST | SOUTHEAST | SOUTHEAST | --- | |
| WIND SPEED | 2.0 | 3.0 | 6.0 | 2.0 | 3.0 | M/H |
| CLOUD COVER | CLEAR | CLEAR | CLEAR | CLEAR | CLEAR | |
| DEW | NO | YES | NO | NO | NO | |
| SOIL MOISTURE | MOIST/MOI | MOIST/MOI | DRY/MOIST | DRY/MOIST | DRY/MOIST | |
| SOIL CONDITION | --- | --- | --- | --- | --- | |
| METHOD | SPRAY | SPRAY | SPRAY | SPRAY | SPRAY | |
| EQUIPMENT | SPRBAC | SPRBAC | SPRBAC | SPRBAC | SPRBAC | |
| PROPELLANT | COMCO2 | COMCO2 | COMCO2 | COMCO2 | COMCO2 | |
| PLACEMENT | BRFOSO | BRFOSO | BRFOSO | BRFOSO | BRFOSO | |
| NOZZLE | FLATFAN | FLATFAN | FLATFAN | FLATFAN | FLATFAN | |
| NOZZLE NUMBER | 6 | 6 | 6 | 6 | 6 | |
| NOZZLE SPACING | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | IN |
| SCREEN SIZE | | | | | | |
| SCREEN SZ DESC | NA | NA | NA | NA | NA | |
| SWATH WIDTH | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | FT |
| SPRAY VOLUME | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | |
| SCREEN SIZE | GPA | GPA | GPA | GPA | GPA | |
| PRESSURE | 32.00 | 32.00 | 32.00 | 32.00 | 32.00 | PSI |
| DILUENT | WATER | WATER | WATER | WATER | WATER | |
| INC. DATE | | | | | | AME |
| INC. START | | | | | | 24H |
| INC. END | | | | | | 24H |
| INC. DEPTH | | | | | | IN |
| INC. EQUIPMENT | --- | --- | --- | --- | --- | |
| DENSITY / | | | | | | |
| *** CROP *** | | | | | | |
| CORN, DENT | ---/14 | ---/15 | ---/16 | ---/17 | ---/18 | |
| DK 6018RR | 12.0/12.0 | 18.0/18.0 | 20.0/20.0 | 28.0/28.0 | 36.0/36.0 | IN |
| 05/02/2007 | | | | | | |

* TIMING CODES

11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST
 14 = ----- / VLPOST
 15 = ----- / PO.DIRECTED

* STAGE CODE

14 = 4 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6 LEAVES UNFOLDED
 17 = 7 LEAVES UNFOLDED
 18 = 8 LEAVES UNFOLDED

TITLE: RRCorn Tolerance to Glyphosate Rates and Timing. AS-300
CREATED: 04/27/2007 **REVISED:** 10/24/2007 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | | ZEAMD | ZEAMD | ZEAMD | YIELD | |
|------------|------------------------|--------|------|----|--------------------|-------------------|-------------------|------------------|-------|
| | | RATE | UNIT | TM | CON % 06/27/07 | CON % 07/11/07 | CON % 08/10/07 | BU/A 09/24/07 | |
| 1A» | RDUP ORIG MAX | 1.13 | LAA | 11 | 0 | 0 | 0 | 248.6 | |
| B» | LIQUID AMS | 2.50 | PMV | 11 | | | | | |
| 2A» | RDUP ORIG MAX | 1.13 | LAA | 12 | 0 | 0 | 0 | 248.0 | |
| B» | LIQUID AMS | 2.50 | PMV | 12 | | | | | |
| 3A» | RDUP ORIG MAX | 1.13 | LAA | 12 | 0 | 0 | 0 | 241.0 | |
| B | LUMAX | 1.48 | LAA | 12 | | | | | |
| C» | LIQUID AMS | 2.50 | PMV | 12 | | | | | |
| 4A» | RDUP ORIG MAX | 1.13 | LAA | 13 | 0 | 0 | 0 | 247.9 | |
| B» | LIQUID AMS | 2.50 | PMV | 13 | | | | | |
| 5A» | RDUP ORIG MAX | 2.25 | LAA | 13 | 0 | 0 | 0 | 246.3 | |
| B» | LIQUID AMS | 2.50 | PMV | 13 | | | | | |
| 6A» | RDUP ORIG MAX | 1.13 | LAA | 13 | 0 | 0 | 0 | 241.1 | |
| B | LUMAX | 1.48 | LAA | 13 | | | | | |
| C» | LIQUID AMS | 2.50 | PMV | 13 | | | | | |
| 7A» | RDUP ORIG MAX | 0.77 | LAA | 14 | 0 | 0 | 0 | 246.6 | |
| B» | LIQUID AMS | 2.50 | PMV | 14 | | | | | |
| 8A» | RDUP ORIG MAX | 1.55 | LAA | 14 | 0 | 0 | 0 | 244.5 | |
| B» | LIQUID AMS | 2.50 | PMV | 14 | | | | | |
| 9A» | RDUP ORIG MAX | 3.00 | LAA | 15 | 0 | 0 | 0 | 229.3 | |
| B» | LIQUID AMS | 2.50 | PMV | 15 | | | | | |
| 10A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 230.9 | |
| | | | | | LSD (0.05) | 0.00 | 0.00 | 0.00 | 10.34 |
| | | | | | STANDARD DEVIATION | 0.00 | 0.00 | 0.00 | 4.92 |

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 11 = ----- / EPOST 05/29/2007(1)
- 12 = ----- / POST 06/05/2007(2)
- 13 = ----- / LPOST 06/06/2007(3)
- 14 = ----- / VLPOST 06/11/2007(4)
- 15 = ----- / PO.DIRECTED 06/15/2007(5)

| H# | CUSTOM#1 | CUSTOM#2 | EV.DATE | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS | C.M | CTR | SS | NOTE |
|-----|----------|----------|------------|----|-----|--------|-------|-----|-----|-----|-----|-----|---------|-----|------|----|------|
| 001 | ZEAMD | CON % | 06/27/2007 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 002 | ZEAMD | CON % | 07/11/2007 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 003 | ZEAMD | CON % | 08/10/2007 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 004 | YIELD | BU/A | 09/24/2007 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |

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

01 = DK 6018RR