

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV. CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 33 FEET

DESIGN: RCB
 REPS: 3

| APPL. NUMBER | 01 | 02 | 03 | UNIT |
|---|-----------|---------------------|---------------------|------|
| TIMINGS | 09 | 10 | 11 | |
| TYPE | LIQMXSPR | LIQMXSPR | LIQMXSPR | |
| APPLICATION DATE | 05/07/02 | 06/07/02 | 06/17/02 | AME |
| AIR TEMPERATURE | 58 | 70 | 69 | F |
| % REL. HUMIDITY | 81 | 59 | 67 | |
| WIND DIRECTION | NORTHEAST | SOUTH | WEST | |
| WIND SPEED | 9.0 | 6.0 | 2.0 | M/H |
| CLOUD COVER | CLOUDY | CLEAR | PARTCLDY | |
| DEW | DRY | DRY | DRY | |
| SOIL MOISTURE | DRY/MOIST | MOIST/MOI | DRY/MOIST | |
| SOIL CONDITION | FRIABLE | FRIABLE | FRIABLE | |
| METHOD | SPRAY | SPRAY | SPRAY | |
| EQUIPMENT | BACKPACKS | BACKPACKS | BACKPACKS | |
| PROPELLANT | COMPRSCO2 | COMPRSCO2 | COMPRSCO2 | |
| PLACEMENT | BROADCAST | BROADCAST | BROADCAST | |
| NOZZLE | FLATFAN | FLATFAN | FLATFAN | |
| NOZZLE NUMBER | 6 | 6 | 6 | |
| NOZZLE SPACING | 20.000 | 20.000 | 20.000 | IN |
| SWATH WIDTH | 10.0 | 10.0 | 10.0 | FT |
| SPRAY VOLUME | 20.00 | 20.00 | 20.00 | |
| VOLUME UNIT | GPA | GPA | GPA | |
| PRESSURE | 32.00 | 32.00 | 32.00 | PSI |
| DILUENT | WATER | WATER | WATER | |
| INC. DATE | | | | AME |
| INC. START | | | | 24H |
| INC. END | | | | 24H |
| INC. DEPTH | | | | IN |
| INC. EQUIPMENT | --- | --- | --- | |
| DEN/ STG/ MINMAXSZ | | | | |
| *** PEST *** | | | | |
| VELVETLEAF | | MED/12 0.50/0.50 | MED/14 2.00/2.00 | IN |
| RAGWEED, GIANT | | HGH/12 2.50/2.50 | HGH/16 8.00/8.00 | IN |
| LAMBSQUARTERS, C | | MED/14 0.50/0.50 | MED/18 2.00/2.00 | IN |
| FOXTAIL, GIANT | | HGH/12 1.00/1.00 | HGH/15 4.00/4.00 | IN |
| CORN, DENT PIONEER 35P17LL 05/05/2002 | | ---/13 4.50/4.50 | ---/15 10.0/10.0 | IN |

* TIMING CODES

09 = ----- / PREEMERGENCE
 10 = ----- / VEPOST
 11 = ----- / EPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Sequential Systems with Atrazine Premixes in Corn SW-1600
CREATED: 04/19/2002 **REVISED:** 11/05/2002 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | | ZEAMD BU/A 06/20/02 | SETFA PRE'S 06/20/02 | AMBTR PRE'S 06/20/02 | CHEAL PRE'S 06/20/02 | ABUTH PRE'S 06/20/02 | ZEAMD CON % 06/12/02 |
|------------|------------------------|--------|------|----|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| | | RATE | UNIT | TM | | | | | | |
| 1A | BICEP II MAGNU | 2.89 | LAA | 9 | 0 | 99 | 83 | 90 | 62 | 0 |
| 2A | GUARDS MAX 5L | 2.50 | LAA | 9 | 0 | 99 | 92 | 99 | 90 | 0 |
| | B MARKSMAN SC | 1.20 | LAA | 10 | | | | | | |
| | C LIQUID AMS | 2.50 | PMV | 10 | | | | | | |
| 3A | LUMAX 3.9L | 1.46 | LAA | 9 | 0 | 94 | 75 | 99 | 89 | 5 |
| | B LUMAX 3.9L | 0.98 | LAA | 10 | | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | | |
| 4A | BICEP II MAGNU | 1.92 | LAA | 9 | 0 | 76 | 65 | 96 | 68 | 0 |
| | B BICEP II MAGNU | 0.98 | LAA | 10 | | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | | |
| 5A | BICEP II MAGNU | 1.92 | LAA | 9 | 0 | 80 | 57 | 99 | 52 | 7 |
| | B BICEP II MAGNU | 0.98 | LAA | 10 | | | | | | |
| | C CALLISTO 4SC | 0.094 | LAA | 10 | | | | | | |
| | D COC | 1.00 | PMV | 10 | | | | | | |
| 6A | BICEP II MAGNU | 1.92 | LAA | 9 | 0 | 85 | 53 | 93 | 45 | 5 |
| | B LUMAX 3.9L | 0.98 | LAA | 10 | | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | | |
| 7A | BICEP II MAGNU | 1.92 | LAA | 9 | 0 | 81 | 58 | 96 | 73 | 8 |
| | B LUMAX 3.9L | 1.22 | LAA | 10 | | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | | |
| 8A | GUARDS MAX 5L | 1.25 | LAA | 9 | 0 | 90 | 60 | 80 | 58 | 0 |
| | B GUARDS MAX 5L | 1.25 | LAA | 10 | | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | | |
| 9A | GUARDS MAX 5L | 1.25 | LAA | 9 | 0 | 85 | 55 | 98 | 70 | 0 |
| | B GUARDS MAX 5L | 1.25 | LAA | 10 | | | | | | |
| | C MARKSMAN SC | 1.20 | LAA | 10 | | | | | | |
| | D LIQUID AMS | 2.50 | PMV | 10 | | | | | | |
| 10A | DEFINE 60DF | 0.34 | LAA | 9 | 0 | 92 | 60 | 96 | 53 | 0 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| | C DEFINE 60DF | 0.35 | LAA | 10 | | | | | | |
| | D ATRAZINE DF | 1.00 | LAA | 10 | | | | | | |
| | E COC | 1.00 | PMV | 10 | | | | | | |
| 11A | BICEP II MAGNU | 2.89 | LAA | 9 | 0 | 92 | 82 | 99 | 68 | 0 |
| | B CALLISTO 4SC | 0.094 | LAA | 11 | | | | | | |
| | C COC | 1.00 | PMV | 11 | | | | | | |
| | D 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 12A | BICEP II MAGNU | 2.89 | LAA | 9 | 0 | 98 | 83 | 99 | 78 | 0 |
| | B CALLISTO 4SC | 0.094 | LAA | 11 | | | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| | D COC | 1.00 | PMV | 11 | | | | | | |
| | E 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 13A | BICEP II MAGNU | 1.16 | LAA | 9 | 0 | 79 | 67 | 99 | 67 | 0 |
| | B STEADFAST 75DF | 0.035 | LAA | 11 | | | | | | |
| | C CALLISTO 4SC | 0.047 | LAA | 11 | | | | | | |
| | D ATRAZINE DF | 0.25 | LAA | 11 | | | | | | |
| | E COC | 1.00 | PMV | 11 | | | | | | |
| | F 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 14A | BICEP II MAGNU | 1.16 | LAA | 9 | 0 | 79 | 70 | 99 | 65 | 0 |
| | B STEADFAST 75DF | 0.035 | LAA | 11 | | | | | | |
| | C CALLISTO 4SC | 0.047 | LAA | 11 | | | | | | |
| | D ATRAZINE DF | 0.75 | LAA | 11 | | | | | | |
| | E COC | 1.00 | PMV | 11 | | | | | | |
| | F 28% UAN | 5.00 | PMV | 11 | | | | | | |

DATA MEAN

TITLE: Sequential Systems with Atrazine Premixes in Corn SW-1600

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | ZEAMD | SETFA | AMBTR | CHEAL | ABUTH | ZEAMD |
|------------|------------------------|--------------------|------|----|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT | | BU/A 06/20/02 | PRE'S 06/20/02 | PRE'S 06/20/02 | PRE'S 06/20/02 | PRE'S 06/20/02 | CON % 06/12/02 |
| 15A | BICEP II MAGNU | 1.16 | LAA | 9 | 0 | 81 | 72 | 99 | 68 | 0 |
| | B»STEADFAST 75DF | 0.035 | LAA | 11 | | | | | | |
| | C»CALLISTO 4SC | 0.094 | LAA | 11 | | | | | | |
| | D ATRAZINE DF | 0.25 | LAA | 11 | | | | | | |
| | E»COC | 1.00 | PMV | 11 | | | | | | |
| | F 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 16A | BICEP II MAGNU | 1.16 | LAA | 9 | 0 | 83 | 69 | 99 | 65 | 0 |
| | B»STEADFAST 75DF | 0.035 | LAA | 11 | | | | | | |
| | C»DISTINCT 70WG | 0.088 | LAA | 11 | | | | | | |
| | D»COC | 1.00 | PMV | 11 | | | | | | |
| | E»LIQUID AMS | 5.00 | PMV | 11 | | | | | | |
| 17A | BICEP II MAGNU | 2.89 | LAA | 9 | 0 | 93 | 87 | 99 | 73 | 0 |
| | B»OPTION 35WDG | 0.033 | LAA | 11 | | | | | | |
| | C»DISTINCT 70WG | 0.088 | LAA | 11 | | | | | | |
| | D»MSO | 1.00 | PMV | 11 | | | | | | |
| | E 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 18A | BICEP II MAGNU | 2.89 | LAA | 9 | 0 | 97 | 83 | 99 | 72 | 0 |
| | B»SPIRIT 57WG | 0.036 | LAA | 11 | | | | | | |
| | C ATRAZINE DF | 1.00 | LAA | 11 | | | | | | |
| | D»COC | 1.00 | PMV | 11 | | | | | | |
| | E 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 19A | GUARDS MAX 5L | 2.50 | LAA | 9 | 0 | 99 | 79 | 99 | 72 | 0 |
| | B»DISTINCT 70WG | 0.175 | LAA | 11 | | | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 20A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21A | FULTIME 4SC | 3.00 | LAA | 9 | 0 | 97 | 78 | 99 | 72 | 0 |
| | B»HORNET 68.5WG | 0.128 | LAA | 11 | | | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 22A | BICEP II MAGNU | 2.89 | LAA | 9 | 0 | 94 | 75 | 99 | 68 | 0 |
| | B»BASIS GOLD 90D | 0.79 | LAA | 11 | | | | | | |
| | C»COC | 1.00 | PMV | 11 | | | | | | |
| | D 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 23A | EPIC 58DF | 0.25 | LAA | 9 | 0 | 97 | 97 | 99 | 99 | 0 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| | C»DEFINE 60DF | 0.34 | LAA | 11 | | | | | | |
| | D ATRAZINE DF | 1.00 | LAA | 11 | | | | | | |
| | E»COC | 1.00 | PMV | 11 | | | | | | |
| 24A | BALANCE PRO 4S | 0.094 | LAA | 9 | 0 | 90 | 95 | 99 | 99 | 0 |
| | B»OPTION 35WDG | 0.033 | LAA | 11 | | | | | | |
| | C ATRAZINE DF | 1.00 | LAA | 11 | | | | | | |
| | D»MSO | 1.00 | PMV | 11 | | | | | | |
| | E»LIQUID AMS | 5.00 | PMV | 11 | | | | | | |
| | | LSD (0.05) | | | 0.00 | 8.00 | 11.11 | 7.92 | 10.81 | 1.35 |
| | | STANDARD DEVIATION | | | 0.00 | 4.00 | 5.55 | 4.00 | 5.40 | 0.673 |

DATA MEAN

TITLE: Sequential Systems with Atrazine Premixes in Corn SW-1600
 CREATED: 04/19/2002 REVISED: 11/05/2002 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Dekalb RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG REPS: 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | | ZEAMD | SETFA | AMBTR | CHEAL | ABUTH | ZEAMD |
|------------|------------------------|--------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT | TM | CON % 06/27/02 | CON % 06/27/02 | CON % 06/27/02 | CON % 06/27/02 | CON % 06/27/02 | CON % 07/16/02 |
| 1A | BICEP II MAGNU | 2.89 | LAA | 9 | 0 | 84 | 65 | 99 | 40 | 0 |
| 2A | GUARDS MAX 5L | 2.50 | LAA | 9 | 0 | 98 | 95 | 99 | 82 | 0 |
| | B MARKSMAN SC | 1.20 | LAA | 10 | | | | | | |
| | C LIQUID AMS | 2.50 | PMV | 10 | | | | | | |
| 3A | LUMAX 3.9L | 1.46 | LAA | 9 | 0 | 93 | 99 | 99 | 93 | 0 |
| | B LUMAX 3.9L | 0.98 | LAA | 10 | | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | | |
| 4A | BICEP II MAGNU | 1.92 | LAA | 9 | 0 | 79 | 97 | 99 | 67 | 0 |
| | B BICEP II MAGNU | 0.98 | LAA | 10 | | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | | |
| 5A | BICEP II MAGNU | 1.92 | LAA | 9 | 0 | 95 | 90 | 99 | 98 | 0 |
| | B BICEP II MAGNU | 0.98 | LAA | 10 | | | | | | |
| | C CALLISTO 4SC | 0.094 | LAA | 10 | | | | | | |
| | D COC | 1.00 | PMV | 10 | | | | | | |
| 6A | BICEP II MAGNU | 1.92 | LAA | 9 | 0 | 85 | 99 | 99 | 94 | 0 |
| | B LUMAX 3.9L | 0.98 | LAA | 10 | | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | | |
| 7A | BICEP II MAGNU | 1.92 | LAA | 9 | 0 | 94 | 95 | 99 | 97 | 0 |
| | B LUMAX 3.9L | 1.22 | LAA | 10 | | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | | |
| 8A | GUARDS MAX 5L | 1.25 | LAA | 9 | 0 | 98 | 98 | 99 | 81 | 0 |
| | B GUARDS MAX 5L | 1.25 | LAA | 10 | | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | | |
| 9A | GUARDS MAX 5L | 1.25 | LAA | 9 | 0 | 94 | 96 | 99 | 95 | 0 |
| | B GUARDS MAX 5L | 1.25 | LAA | 10 | | | | | | |
| | C MARKSMAN SC | 1.20 | LAA | 10 | | | | | | |
| | D LIQUID AMS | 2.50 | PMV | 10 | | | | | | |
| 10A | DEFINE 60DF | 0.34 | LAA | 9 | 0 | 85 | 96 | 99 | 91 | 0 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| | C DEFINE 60DF | 0.35 | LAA | 10 | | | | | | |
| | D ATRAZINE DF | 1.00 | LAA | 10 | | | | | | |
| | E COC | 1.00 | PMV | 10 | | | | | | |
| 11A | BICEP II MAGNU | 2.89 | LAA | 9 | 0 | 83 | 99 | 99 | 99 | 0 |
| | B CALLISTO 4SC | 0.094 | LAA | 11 | | | | | | |
| | C COC | 1.00 | PMV | 11 | | | | | | |
| | D 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 12A | BICEP II MAGNU | 2.89 | LAA | 9 | 0 | 93 | 98 | 99 | 99 | 0 |
| | B CALLISTO 4SC | 0.094 | LAA | 11 | | | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| | D COC | 1.00 | PMV | 11 | | | | | | |
| | E 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 13A | BICEP II MAGNU | 1.16 | LAA | 9 | 0 | 90 | 98 | 99 | 97 | 0 |
| | B STEADFAST 75DF | 0.035 | LAA | 11 | | | | | | |
| | C CALLISTO 4SC | 0.047 | LAA | 11 | | | | | | |
| | D ATRAZINE DF | 0.25 | LAA | 11 | | | | | | |
| | E COC | 1.00 | PMV | 11 | | | | | | |
| | F 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 14A | BICEP II MAGNU | 1.16 | LAA | 9 | 0 | 92 | 97 | 99 | 99 | 0 |
| | B STEADFAST 75DF | 0.035 | LAA | 11 | | | | | | |
| | C CALLISTO 4SC | 0.047 | LAA | 11 | | | | | | |
| | D ATRAZINE DF | 0.75 | LAA | 11 | | | | | | |
| | E COC | 1.00 | PMV | 11 | | | | | | |
| | F 28% UAN | 5.00 | PMV | 11 | | | | | | |

DATA MEAN

TITLE: Sequential Systems with Atrazine Premixes in Corn SW-1600

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | ZEAMD | SETFA | AMBTR | CHEAL | ABUTH | ZEAMD |
|------------|------------------------|--------------------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT | | CON % 06/27/02 | CON % 06/27/02 | CON % 06/27/02 | CON % 06/27/02 | CON % 06/27/02 | CON % 07/16/02 |
| 15A | BICEP II MAGNU | 1.16 | LAA | 9 | 0 | 97 | 97 | 99 | 99 | 0 |
| | B»STEADFAST 75DF | 0.035 | LAA | 11 | | | | | | |
| | C»CALLISTO 4SC | 0.094 | LAA | 11 | | | | | | |
| | D ATRAZINE DF | 0.25 | LAA | 11 | | | | | | |
| | E»COC | 1.00 | PMV | 11 | | | | | | |
| | F 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 16A | BICEP II MAGNU | 1.16 | LAA | 9 | 0 | 98 | 92 | 99 | 91 | 0 |
| | B»STEADFAST 75DF | 0.035 | LAA | 11 | | | | | | |
| | C»DISTINCT 70WG | 0.088 | LAA | 11 | | | | | | |
| | D»COC | 1.00 | PMV | 11 | | | | | | |
| | E»LIQUID AMS | 5.00 | PMV | 11 | | | | | | |
| 17A | BICEP II MAGNU | 2.89 | LAA | 9 | 0 | 99 | 96 | 99 | 93 | 0 |
| | B»OPTION 35WDG | 0.033 | LAA | 11 | | | | | | |
| | C»DISTINCT 70WG | 0.088 | LAA | 11 | | | | | | |
| | D»MSO | 1.00 | PMV | 11 | | | | | | |
| | E 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 18A | BICEP II MAGNU | 2.89 | LAA | 9 | 0 | 98 | 96 | 99 | 92 | 0 |
| | B»SPIRIT 57WG | 0.036 | LAA | 11 | | | | | | |
| | C ATRAZINE DF | 1.00 | LAA | 11 | | | | | | |
| | D»COC | 1.00 | PMV | 11 | | | | | | |
| | E 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 19A | GUARDS MAX 5L | 2.50 | LAA | 9 | 0 | 98 | 98 | 99 | 90 | 0 |
| | B»DISTINCT 70WG | 0.175 | LAA | 11 | | | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 20A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21A | FULTIME 4SC | 3.00 | LAA | 9 | 0 | 91 | 93 | 99 | 91 | 0 |
| | B»HORNET 68.5WG | 0.128 | LAA | 11 | | | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 22A | BICEP II MAGNU | 2.89 | LAA | 9 | 3 | 96 | 85 | 99 | 85 | 0 |
| | B»BASIS GOLD 90D | 0.79 | LAA | 11 | | | | | | |
| | C»COC | 1.00 | PMV | 11 | | | | | | |
| | D 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 23A | EPIC 58DF | 0.25 | LAA | 9 | 0 | 93 | 99 | 99 | 98 | 0 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| | C»DEFINE 60DF | 0.34 | LAA | 11 | | | | | | |
| | D ATRAZINE DF | 1.00 | LAA | 11 | | | | | | |
| | E»COC | 1.00 | PMV | 11 | | | | | | |
| 24A | BALANCE PRO 4S | 0.094 | LAA | 9 | 0 | 99 | 99 | 99 | 98 | 0 |
| | B»OPTION 35WDG | 0.033 | LAA | 11 | | | | | | |
| | C ATRAZINE DF | 1.00 | LAA | 11 | | | | | | |
| | D»MSO | 1.00 | PMV | 11 | | | | | | |
| | E»LIQUID AMS | 5.00 | PMV | 11 | | | | | | |
| | | LSD (0.05) | | | 1.00 | 8.00 | 7.00 | 0.00 | 8.17 | 0.00 |
| | | STANDARD DEVIATION | | | 0.491 | 4.00 | 3.49 | 0.00 | 4.08 | 0.00 |

DATA MEAN

TITLE: Sequential Systems with Atrazine Premixes in Corn SW-1600
CREATED: 04/19/2002 **REVISED:** 11/05/2002 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | | AMBTR | AMBTR | CHEAL | ABUTH | ZEAMD |
|------------|------------------------|--------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT | TM | CON % 07/16/02 | CON % 07/16/02 | CON % 07/16/02 | CON % 07/16/02 | CON % 10/26/02 |
| 1A | BICEP II MAGNU | 2.89 | LAA | 9 | 90 | 65 | 99 | 60 | 160.8 |
| 2A | GUARDS MAX 5L | 2.50 | LAA | 9 | 96 | 98 | 99 | 81 | 187.5 |
| | B MARKSMAN SC | 1.20 | LAA | 10 | | | | | |
| | C LIQUID AMS | 2.50 | PMV | 10 | | | | | |
| 3A | LUMAX 3.9L | 1.46 | LAA | 9 | 87 | 98 | 99 | 87 | 175.2 |
| | B LUMAX 3.9L | 0.98 | LAA | 10 | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | |
| 4A | BICEP II MAGNU | 1.92 | LAA | 9 | 78 | 96 | 99 | 72 | 183.4 |
| | B BICEP II MAGNU | 0.98 | LAA | 10 | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | |
| 5A | BICEP II MAGNU | 1.92 | LAA | 9 | 96 | 95 | 99 | 95 | 183.1 |
| | B BICEP II MAGNU | 0.98 | LAA | 10 | | | | | |
| | C CALLISTO 4SC | 0.094 | LAA | 10 | | | | | |
| | D COC | 1.00 | PMV | 10 | | | | | |
| 6A | BICEP II MAGNU | 1.92 | LAA | 9 | 86 | 96 | 99 | 87 | 197.4 |
| | B LUMAX 3.9L | 0.98 | LAA | 10 | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | |
| 7A | BICEP II MAGNU | 1.92 | LAA | 9 | 98 | 97 | 99 | 97 | 190.2 |
| | B LUMAX 3.9L | 1.22 | LAA | 10 | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | |
| 8A | GUARDS MAX 5L | 1.25 | LAA | 9 | 96 | 98 | 99 | 77 | 190.2 |
| | B GUARDS MAX 5L | 1.25 | LAA | 10 | | | | | |
| | C COC | 1.00 | PMV | 10 | | | | | |
| 9A | GUARDS MAX 5L | 1.25 | LAA | 9 | 94 | 98 | 99 | 88 | 202.6 |
| | B GUARDS MAX 5L | 1.25 | LAA | 10 | | | | | |
| | C MARKSMAN SC | 1.20 | LAA | 10 | | | | | |
| | D LIQUID AMS | 2.50 | PMV | 10 | | | | | |
| 10A | DEFINE 60DF | 0.34 | LAA | 9 | 90 | 92 | 99 | 85 | 199.4 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | | |
| | C DEFINE 60DF | 0.35 | LAA | 10 | | | | | |
| | D ATRAZINE DF | 1.00 | LAA | 10 | | | | | |
| | E COC | 1.00 | PMV | 10 | | | | | |
| 11A | BICEP II MAGNU | 2.89 | LAA | 9 | 88 | 98 | 99 | 98 | 191.8 |
| | B CALLISTO 4SC | 0.094 | LAA | 11 | | | | | |
| | C COC | 1.00 | PMV | 11 | | | | | |
| | D 28% UAN | 2.50 | PMV | 11 | | | | | |
| 12A | BICEP II MAGNU | 2.89 | LAA | 9 | 94 | 99 | 99 | 98 | 200.8 |
| | B CALLISTO 4SC | 0.094 | LAA | 11 | | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 11 | | | | | |
| | D COC | 1.00 | PMV | 11 | | | | | |
| | E 28% UAN | 2.50 | PMV | 11 | | | | | |
| 13A | BICEP II MAGNU | 1.16 | LAA | 9 | 98 | 99 | 99 | 98 | 183.3 |
| | B STEADFAST 75DF | 0.035 | LAA | 11 | | | | | |
| | C CALLISTO 4SC | 0.047 | LAA | 11 | | | | | |
| | D ATRAZINE DF | 0.25 | LAA | 11 | | | | | |
| | E COC | 1.00 | PMV | 11 | | | | | |
| | F 28% UAN | 2.50 | PMV | 11 | | | | | |
| 14A | BICEP II MAGNU | 1.16 | LAA | 9 | 98 | 99 | 99 | 99 | 193.7 |
| | B STEADFAST 75DF | 0.035 | LAA | 11 | | | | | |
| | C CALLISTO 4SC | 0.047 | LAA | 11 | | | | | |
| | D ATRAZINE DF | 0.75 | LAA | 11 | | | | | |
| | E COC | 1.00 | PMV | 11 | | | | | |
| | F 28% UAN | 5.00 | PMV | 11 | | | | | |

DATA MEAN

TITLE: Sequential Systems with Atrazine Premixes in Corn SW-1600

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | AMBTR | AMBTR | CHEAL | ABUTH | ZEAMD |
|------------|------------------------|--------------------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT | | CON % 07/16/02 | CON % 07/16/02 | CON % 07/16/02 | CON % 07/16/02 | CON % 10/26/02 |
| 15A | BICEP II MAGNU | 1.16 | LAA | 9 | 98 | 99 | 99 | 99 | 188.8 |
| | B>>STEADFAST 75DF | 0.035 | LAA | 11 | | | | | |
| | C>>CALLISTO 4SC | 0.094 | LAA | 11 | | | | | |
| | D ATRAZINE DF | 0.25 | LAA | 11 | | | | | |
| | E>>COC | 1.00 | PMV | 11 | | | | | |
| | F 28% UAN | 2.50 | PMV | 11 | | | | | |
| 16A | BICEP II MAGNU | 1.16 | LAA | 9 | 99 | 99 | 99 | 98 | 190.4 |
| | B>>STEADFAST 75DF | 0.035 | LAA | 11 | | | | | |
| | C>>DISTINCT 70WG | 0.088 | LAA | 11 | | | | | |
| | D>>COC | 1.00 | PMV | 11 | | | | | |
| | E>>LIQUID AMS | 5.00 | PMV | 11 | | | | | |
| 17A | BICEP II MAGNU | 2.89 | LAA | 9 | 99 | 98 | 99 | 98 | 197.6 |
| | B>>OPTION 35WDG | 0.033 | LAA | 11 | | | | | |
| | C>>DISTINCT 70WG | 0.088 | LAA | 11 | | | | | |
| | D>>MSO | 1.00 | PMV | 11 | | | | | |
| | E 28% UAN | 2.50 | PMV | 11 | | | | | |
| 18A | BICEP II MAGNU | 2.89 | LAA | 9 | 97 | 99 | 99 | 90 | 185.9 |
| | B>>SPIRIT 57WG | 0.036 | LAA | 11 | | | | | |
| | C ATRAZINE DF | 1.00 | LAA | 11 | | | | | |
| | D>>COC | 1.00 | PMV | 11 | | | | | |
| | E 28% UAN | 2.50 | PMV | 11 | | | | | |
| 19A | GUARDS MAX 5L | 2.50 | LAA | 9 | 98 | 99 | 99 | 98 | 179.1 |
| | B>>DISTINCT 70WG | 0.175 | LAA | 11 | | | | | |
| | C>>ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | |
| | D>>LIQUID AMS | 2.50 | PMV | 11 | | | | | |
| 20A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 88.1 |
| 21A | FULTIME 4SC | 3.00 | LAA | 9 | 91 | 97 | 99 | 94 | 178.9 |
| | B>>HORNET 68.5WG | 0.128 | LAA | 11 | | | | | |
| | C>>ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | |
| | D>>LIQUID AMS | 2.50 | PMV | 11 | | | | | |
| 22A | BICEP II MAGNU | 2.89 | LAA | 9 | 98 | 93 | 99 | 89 | 182.3 |
| | B>>BASIS GOLD 90D | 0.79 | LAA | 11 | | | | | |
| | C>>COC | 1.00 | PMV | 11 | | | | | |
| | D 28% UAN | 2.50 | PMV | 11 | | | | | |
| 23A | EPIC 58DF | 0.25 | LAA | 9 | 98 | 99 | 99 | 98 | 190.2 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | | |
| | C>>DEFINE 60DF | 0.34 | LAA | 11 | | | | | |
| | D ATRAZINE DF | 1.00 | LAA | 11 | | | | | |
| | E>>COC | 1.00 | PMV | 11 | | | | | |
| 24A | BALANCE PRO 4S | 0.094 | LAA | 9 | 99 | 99 | 99 | 99 | 202.0 |
| | B>>OPTION 35WDG | 0.033 | LAA | 11 | | | | | |
| | C ATRAZINE DF | 1.00 | LAA | 11 | | | | | |
| | D>>MSO | 1.00 | PMV | 11 | | | | | |
| | E>>LIQUID AMS | 5.00 | PMV | 11 | | | | | |
| | | LSD (0.05) | | | 9.63 | 4.38 | 0.00 | 7.93 | 23.21 |
| | | STANDARD DEVIATION | | | 4.82 | 2.19 | 0.00 | 4.00 | 11.61 |

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/07/2002 (1)
- 10 = ----- / VEPOST 06/07/2002 (2)
- 11 = ----- / EPOST 06/17/2002 (3)

| H# | CUSTOM#1 | CUSTOM#2 | EV.DATE | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS | C.M | CTR | SS | NOTE |
|----|----------|----------|------------|----|-----|--------|-------|-----|-----|-----|-----|-----|---------|-----|------|----|------|
| 01 | ZEAMD | BU/A | 06/20/2002 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 02 | SETFA | PRE'S | 06/20/2002 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 03 | AMBTR | PRE'S | 06/20/2002 | 03 | P | AMBTR | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |

DATA MEAN

TITLE: Sequential Systems with Atrazine Premixes in Corn SW-1600

| H# | CUSTOM#1 | CUSTOM#2 | EV.DATE | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS | C.M | CTR1 | SS | NOTE |
|----|----------|----------|------------|----|-----|--------|-------|-----|-----|-----|-----|-----|---------|-----|------|----|------|
| 04 | CHEAL | PRE'S | 06/20/2002 | 04 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 05 | ABUTH | PRE'S | 06/20/2002 | 05 | P | ABUTH | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 06 | ZEAMD | CON % | 06/12/2002 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 07 | ZEAMD | CON % | 06/27/2002 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 08 | SETFA | CON % | 06/27/2002 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 09 | AMBTR | CON % | 06/27/2002 | 03 | P | AMBTR | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 10 | CHEAL | CON % | 06/27/2002 | 04 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 11 | ABUTH | CON % | 06/27/2002 | 05 | P | ABUTH | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 12 | ZEAMD | CON % | 07/16/2002 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 13 | AMBTR | CON % | 07/16/2002 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 14 | AMBTR | CON % | 07/16/2002 | 03 | P | AMBTR | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 15 | CHEAL | CON % | 07/16/2002 | 04 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 16 | ABUTH | CON % | 07/16/2002 | 05 | P | ABUTH | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 17 | ZEAMD | CON % | 10/26/2002 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 35P17LL