

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 33 FEET
 PLOT AREA: 330 FEET

DESIGN: RCB
 REPS: 3

| APPL. NUMBER | 01 | 02 | 03 | UNIT |
|--------------------|-----------|-----------|-----------|------|
| TIMINGS | 09 | 11 | 12 | |
| TYPE | LIQMIX | LIQMIX | LIQMIX | |
| APPLICATION DATE | 05/03/07 | 05/29/07 | 06/06/07 | AME |
| AIR TEMPERATURE | 68 | 85 | 64 | F |
| % REL.HUMIDITY | 33 | 42 | 55 | |
| WIND DIRECTION | NORTHEAST | SOUTH | SOUTHEAST | |
| WIND SPEED | 17.0 | 9.0 | 8.0 | M/H |
| CLOUD COVER | CLEAR | CLEAR | CLEAR | |
| DEW | --- | NO | NO | |
| SOIL MOISTURE | DRY/MOIST | DRY/MOIST | MOIST/MOI | |
| SOIL CONDITION | --- | --- | --- | |
| METHOD | SPRAY | SPRAY | SPRAY | |
| EQUIPMENT | SPRBAC | SPRBAC | SPRBAC | |
| PROPELLANT | COMCO2 | COMCO2 | COMCO2 | |
| PLACEMENT | BRFOSO | BRFOSO | BRFOSO | |
| NOZZLE | FLATFAN | FLATFAN | FLATFAN | |
| NOZZLE NUMBER | 6 | 6 | 6 | |
| NOZZLE SPACING | 20.000 | 20.000 | 20.000 | IN |
| SCREEN SIZE | | | | |
| SCREEN SZ DESC | NA | NA | NA | |
| SWATH WIDTH | 10.0 | 10.0 | 10.0 | FT |
| SPRAY VOLUME | 20.00 | 20.00 | 20.00 | |
| SCREEN SIZE | 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 | | | | |
| *** CROP *** | | | | |
| CORN, DENT | | ---/14 | ---/16 | |
| DEKALB 61-69 | | 5.00/7.00 | 15.0/17.0 | IN |
| 05/03/2007 | | | | |
| *** PEST *** | | | | |
| VELVETLEAF | | ---/12 | ---/13 | |
| | | 0.50/1.50 | 0.50/3.00 | IN |
| RAGWEED, GIANT | | ---/16 | ---/18 | |
| | | 2.00/4.50 | 3.00/10.0 | IN |
| LAMBSQUARTERS, C | | ---/16 | ---/17 | |
| | | 1.00/2.50 | 1.00/3.00 | IN |
| FOXTAIL, GIANT | | ---/14 | ---/15 | |
| | | 2.00/4.00 | 3.00/7.00 | IN |

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST
 12 = ----- / POST

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6 LEAVES UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Corn. SW1600
CREATED: 04/26/2007 **REVISED:** 11/02/2007 **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
PLOT AREA: 330.00 SFT

REPS: 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE RATE | UNIT | TM | ZEAMD CON % 05/29/07 | SETFA CON % 05/29/07 | AMBTR CON % 05/29/07 | CHEAL CON % 05/29/07 | ABUTH CON % 05/29/07 | ZEAMD 10 DAT 06/07/07 |
|------------|------------------------|----------------|------|----|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------------|
| 1A | LUMAX | 2.96 | LAA | 9 | 0 | 65 | 20 | 37 | 99 | C |
| 2A» | LEXAR 3.7L | 3.24 | LAA | 9 | 0 | 62 | 35 | 62 | 99 | C |
| 3A | GUARDSMAN MAX | 2.50 | LAA | 9 | 0 | 57 | 35 | 37 | 60 | C |
| B | BALANCE PRO 4 | 0.047 | LAA | 9 | | | | | | |
| 4A | KEYSTONE 5.25 | 3.54 | LAA | 9 | 0 | 75 | 62 | 77 | 43 | C |
| B | HORNET 68.5WG | 0.171 | LAA | 9 | | | | | | |
| 5A | KEYSTONE 5.25 | 3.54 | LAA | 9 | 0 | 60 | 25 | 47 | 27 | C |
| 6A» | KIH-485 85WG | 0.22 | LAA | 9 | 0 | 43 | 27 | 50 | 43 | C |
| B | ATRAZINE DF | 1.50 | LAA | 9 | | | | | | |
| 7A» | RADIUS 4SC | 0.72 | LAA | 9 | 0 | 52 | 23 | 40 | 48 | C |
| B | ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| 8A | LUMAX | 1.48 | LAA | 9 | 0 | 40 | 33 | 33 | 37 | 0 |
| B | LUMAX | 1.48 | LAA | 11 | | | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | | |
| 9A» | LEXAR 3.7L | 1.62 | LAA | 9 | 0 | 45 | 27 | 43 | 37 | 0 |
| B» | LEXAR 3.7L | 1.62 | LAA | 11 | | | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | | |
| 10A | BICEP II MAG | 3.58 | LAA | 9 | 0 | 40 | 30 | 43 | 23 | 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 | | | | | | |
| 11A | GUARDSMAN MAX | 2.50 | LAA | 9 | 0 | 30 | 30 | 27 | 30 | 0 |
| B» | IMPACT 2.8SC | 0.011 | LAA | 11 | | | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| D» | MSO | 1.00 | PMV | 11 | | | | | | |
| E | 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 12A | DEFINE SC 4 | 0.70 | LAA | 9 | 0 | 38 | 35 | 27 | 30 | 0 |
| B» | LAUDIS 3.5SC | 0.082 | LAA | 11 | | | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| D» | MSO | 1.00 | PMV | 11 | | | | | | |
| E | 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 13A | GUARDSMAN MAX | 2.50 | LAA | 9 | 0 | 33 | 33 | 43 | 40 | 0 |
| B | MARKSMAN SC | 1.20 | LAA | 11 | | | | | | |
| C» | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 14A | SURPASS 6.4EC | 2.08 | LAA | 9 | 0 | 47 | 10 | 20 | 27 | 0 |
| B | HORNET 68.5WG | 0.128 | LAA | 11 | | | | | | |
| C | CALLISTO 4SC | 0.023 | LAA | 11 | | | | | | |
| D | ATRAZINE DF | 0.25 | LAA | 11 | | | | | | |
| E» | COC | 1.00 | PMV | 11 | | | | | | |
| F | 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 15A | SURPASS 6.4EC | 2.08 | LAA | 9 | 0 | 60 | 30 | 33 | 33 | 0 |
| B | HORNET 68.5WG | 0.128 | LAA | 11 | | | | | | |
| C» | IMPACT 2.8SC | 0.0054 | LAA | 11 | | | | | | |
| D | ATRAZINE DF | 0.25 | LAA | 11 | | | | | | |
| E» | MSO | 1.00 | PMV | 11 | | | | | | |
| F | 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 16A | DUAL II MAGNUM | 1.53 | LAA | 9 | 0 | 47 | 30 | 33 | 37 | 0 |
| B | CALLISTO 4SC | 0.094 | LAA | 11 | | | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| D» | COC | 1.00 | PMV | 11 | | | | | | |
| E» | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |

TITLE: Weed Control Systems in Corn. SW1600

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | ZEAMD | SETFA | AMBTR | CHEAL | ABUTH | ZEAMD |
|------------|------------------------|--------------------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT | | CON % 05/29/07 | CON % 05/29/07 | CON % 05/29/07 | CON % 05/29/07 | CON % 05/29/07 | CON % 05/29/07 |
| 17A | OUTLOOK 6EC | 0.84 | LAA | 9 | 0 | 45 | 30 | 47 | 40 | 0 |
| | B»IMPACT 2.8SC | 0.011 | LAA | 11 | | | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| | D»MSO | 1.00 | PMV | 11 | | | | | | |
| | E»LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 18A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19A | GUARDSMAN MAX | 2.50 | LAA | 9 | 0 | 70 | 17 | 33 | 27 | 0 |
| | B»STATUS 56DG | 0.175 | LAA | 12 | | | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV | 12 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 20A | BICEP II MAG | 2.89 | LAA | 9 | 0 | 63 | 20 | 33 | 25 | 4 |
| | B CALLISTO 4SC | 0.094 | LAA | 12 | | | | | | |
| | C ATRAZINE DF | 0.25 | LAA | 12 | | | | | | |
| | D»COC | 1.00 | PMV | 12 | | | | | | |
| | E 28% UAN | 2.50 | PMV | 12 | | | | | | |
| | | LSD (0.05) | | | 0.00 | 19.86 | 22.90 | 21.73 | 19.89 | 0.426 |
| | | STANDARD DEVIATION | | | 0.00 | 9.83 | 11.33 | 10.75 | 9.84 | 0.211 |

TITLE: Weed Control Systems in Corn. SW1600
CREATED: 04/26/2007 **REVISED:** 11/02/2007 **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
PLOT AREA: 330.00 SFT

REPS: 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | | SETFA | AMBTR | CHEAL | ABUTH | ZEAMD | SETFA |
|------------|------------------------|--------|------|----|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | | RATE | UNIT | TM | 10 DAT 06/07/07 | 10 DAT 06/07/07 | 10 DAT 06/07/07 | 10 DAT 06/07/07 | 30 DAT 06/25/07 | 30 DAT 06/25/07 |
| 1A | LUMAX | 2.96 | LAA | 9 | C | C | C | C | 0 | 60 |
| 2A» | LEXAR 3.7L | 3.24 | LAA | 9 | C | C | C | C | 0 | 57 |
| 3A | GUARDSMAN MAX | 2.50 | LAA | 9 | C | C | C | C | 0 | 33 |
| B | BALANCE PRO 4 | 0.047 | LAA | 9 | | | | | | |
| 4A | KEYSTONE 5.25 | 3.54 | LAA | 9 | C | C | C | C | 0 | 80 |
| B | HORNET 68.5WG | 0.171 | LAA | 9 | | | | | | |
| 5A | KEYSTONE 5.25 | 3.54 | LAA | 9 | C | C | C | C | 0 | 42 |
| 6A» | KIH-485 85WG | 0.22 | LAA | 9 | C | C | C | C | 0 | 38 |
| B | ATRAZINE DF | 1.50 | LAA | 9 | | | | | | |
| 7A» | RADIUS 4SC | 0.72 | LAA | 9 | C | C | C | C | 0 | 8 |
| B | ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| 8A | LUMAX | 1.48 | LAA | 9 | 86 | 85 | 99 | 99 | 0 | 62 |
| B | LUMAX | 1.48 | LAA | 11 | | | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | | |
| 9A» | LEXAR 3.7L | 1.62 | LAA | 9 | 92 | 80 | 99 | 99 | 0 | 82 |
| B» | LEXAR 3.7L | 1.62 | LAA | 11 | | | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | | |
| 10A | BICEP II MAG | 3.58 | LAA | 9 | 96 | 85 | 99 | 99 | 0 | 82 |
| 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 | | | | | | |
| 11A | GUARDSMAN MAX | 2.50 | LAA | 9 | 98 | 80 | 99 | 96 | 0 | 99 |
| B» | IMPACT 2.8SC | 0.011 | LAA | 11 | | | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| D» | MSO | 1.00 | PMV | 11 | | | | | | |
| E | 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 12A | DEFINE SC 4 | 0.70 | LAA | 9 | 99 | 83 | 99 | 98 | 0 | 93 |
| B» | LAUDIS 3.5SC | 0.082 | LAA | 11 | | | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| D» | MSO | 1.00 | PMV | 11 | | | | | | |
| E | 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 13A | GUARDSMAN MAX | 2.50 | LAA | 9 | 68 | 85 | 99 | 96 | 0 | 33 |
| B | MARKSMAN SC | 1.20 | LAA | 11 | | | | | | |
| C» | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 14A | SURPASS 6.4EC | 2.08 | LAA | 9 | 86 | 76 | 99 | 98 | 0 | 58 |
| B | HORNET 68.5WG | 0.128 | LAA | 11 | | | | | | |
| C | CALLISTO 4SC | 0.023 | LAA | 11 | | | | | | |
| D | ATRAZINE DF | 0.25 | LAA | 11 | | | | | | |
| E» | COC | 1.00 | PMV | 11 | | | | | | |
| F | 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 15A | SURPASS 6.4EC | 2.08 | LAA | 9 | 97 | 79 | 99 | 93 | 0 | 95 |
| B | HORNET 68.5WG | 0.128 | LAA | 11 | | | | | | |
| C» | IMPACT 2.8SC | 0.0054 | LAA | 11 | | | | | | |
| D | ATRAZINE DF | 0.25 | LAA | 11 | | | | | | |
| E» | MSO | 1.00 | PMV | 11 | | | | | | |
| F | 28% UAN | 2.50 | PMV | 11 | | | | | | |
| 16A | DUAL II MAGNUM | 1.53 | LAA | 9 | 93 | 75 | 99 | 98 | 0 | 53 |
| B | CALLISTO 4SC | 0.094 | LAA | 11 | | | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| D» | COC | 1.00 | PMV | 11 | | | | | | |
| E» | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |

TITLE: Weed Control Systems in Corn. SW1600

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | SETFA | AMBTR | CHEAL | ABUTH | ZEAMD | SETFA |
|------------|------------------------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | | RATE | UNIT TM | 10 DAT 06/07/07 | 10 DAT 06/07/07 | 10 DAT 06/07/07 | 10 DAT 06/07/07 | 30 DAT 06/25/07 | 30 DAT 06/25/07 |
| 17A | OUTLOOK 6EC | 0.84 | LAA 9 | 99 | 83 | 99 | 83 | 0 | 99 |
| | B»IMPACT 2.8SC | 0.011 | LAA 11 | | | | | | |
| | C ATRAZINE DF | 0.50 | LAA 11 | | | | | | |
| | D»MSO | 1.00 | PMV 11 | | | | | | |
| | E»LIQUID AMS | 2.50 | PMV 11 | | | | | | |
| 18A | CHECK | 0.00 | NA 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19A | GUARDSMAN MAX | 2.50 | LAA 9 | 90 | 95 | 99 | 96 | 0 | 91 |
| | B»STATUS 56DG | 0.175 | LAA 12 | | | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV 12 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV 12 | | | | | | |
| 20A | BICEP II MAG | 2.89 | LAA 9 | 72 | 94 | 99 | 99 | 0 | 80 |
| | B CALLISTO 4SC | 0.094 | LAA 12 | | | | | | |
| | C ATRAZINE DF | 0.25 | LAA 12 | | | | | | |
| | D»COC | 1.00 | PMV 12 | | | | | | |
| | E 28% UAN | 2.50 | PMV 12 | | | | | | |
| | | | LSD (0.05) | 5.61 | 6.57 | 0.00 | 2.67 | 0.00 | 26.00 |
| | | | STANDARD DEVIATION | 2.78 | 3.25 | 0.00 | 1.32 | 0.00 | 12.88 |

TITLE: Weed Control Systems in Corn. SW1600
CREATED: 04/26/2007 **REVISED:** 11/02/2007 **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
PLOT AREA: 330.00 SFT

REPS: 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | | AMBTR | CHEAL | ABUTH | YIELD |
|------------|------------------------|--------|------|----|--------------------|--------------------|--------------------|------------------|
| | | RATE | UNIT | TM | 30 DAT 06/25/07 | 30 DAT 06/25/07 | 30 DAT 06/25/07 | BU/A 10/25/07 |
| 1A | LUMAX | 2.96 | LAA | 9 | 32 | 71 | 99 | 97.9 |
| 2A» | LEXAR 3.7L | 3.24 | LAA | 9 | 60 | 52 | 99 | 134.8 |
| 3A | GUARDSMAN MAX | 2.50 | LAA | 9 | 43 | 43 | 99 | 107.9 |
| | B BALANCE PRO 4 | 0.047 | LAA | 9 | | | | |
| 4A | KEYSTONE 5.25 | 3.54 | LAA | 9 | 84 | 91 | 77 | 202.1 |
| | B HORNET 68.5WG | 0.171 | LAA | 9 | | | | |
| 5A | KEYSTONE 5.25 | 3.54 | LAA | 9 | 43 | 67 | 27 | 97.5 |
| 6A» | KIH-485 85WG | 0.22 | LAA | 9 | 57 | 62 | 58 | 134.8 |
| | B ATRAZINE DF | 1.50 | LAA | 9 | | | | |
| 7A» | RADIUS 4SC | 0.72 | LAA | 9 | 48 | 43 | 89 | 126.8 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | |
| 8A | LUMAX | 1.48 | LAA | 9 | 88 | 99 | 99 | 238.3 |
| | B LUMAX | 1.48 | LAA | 11 | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV | 11 | | | | |
| 9A» | LEXAR 3.7L | 1.62 | LAA | 9 | 91 | 99 | 99 | 236.3 |
| | B»LEXAR 3.7L | 1.62 | LAA | 11 | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV | 11 | | | | |
| 10A | BICEP II MAG | 3.58 | LAA | 9 | 95 | 99 | 99 | 221.0 |
| | 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 | | | | |
| 11A | GUARDSMAN MAX | 2.50 | LAA | 9 | 83 | 99 | 99 | 213.2 |
| | B»IMPACT 2.8SC | 0.011 | LAA | 11 | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 11 | | | | |
| | D»MSO | 1.00 | PMV | 11 | | | | |
| | E 28% UAN | 2.50 | PMV | 11 | | | | |
| 12A | DEFINE SC 4 | 0.70 | LAA | 9 | 95 | 99 | 99 | 220.5 |
| | B»LAUDIS 3.5SC | 0.082 | LAA | 11 | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 11 | | | | |
| | D»MSO | 1.00 | PMV | 11 | | | | |
| | E 28% UAN | 2.50 | PMV | 11 | | | | |
| 13A | GUARDSMAN MAX | 2.50 | LAA | 9 | 87 | 99 | 99 | 211.8 |
| | B MARKSMAN SC | 1.20 | LAA | 11 | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 11 | | | | |
| 14A | SURPASS 6.4EC | 2.08 | LAA | 9 | 78 | 99 | 99 | 221.7 |
| | B HORNET 68.5WG | 0.128 | LAA | 11 | | | | |
| | C CALLISTO 4SC | 0.023 | LAA | 11 | | | | |
| | D ATRAZINE DF | 0.25 | LAA | 11 | | | | |
| | E»COC | 1.00 | PMV | 11 | | | | |
| | F 28% UAN | 2.50 | PMV | 11 | | | | |
| 15A | SURPASS 6.4EC | 2.08 | LAA | 9 | 85 | 99 | 75 | 209.4 |
| | B HORNET 68.5WG | 0.128 | LAA | 11 | | | | |
| | C»IMPACT 2.8SC | 0.0054 | LAA | 11 | | | | |
| | D ATRAZINE DF | 0.25 | LAA | 11 | | | | |
| | E»MSO | 1.00 | PMV | 11 | | | | |
| | F 28% UAN | 2.50 | PMV | 11 | | | | |
| 16A | DUAL II MAGNUM | 1.53 | LAA | 9 | 83 | 99 | 96 | 234.6 |
| | B CALLISTO 4SC | 0.094 | LAA | 11 | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 11 | | | | |
| | D»COC | 1.00 | PMV | 11 | | | | |
| | E»LIQUID AMS | 2.50 | PMV | 11 | | | | |

TITLE: Weed Control Systems in Corn. SW1600

| TRT NUM COMPONENT | TREATMENT COMPONENT | DOSAGE | | TM | AMBTR | CHEAL | ABUTH | YIELD |
|----------------------|------------------------|--------------------|------|----|--------------------|--------------------|--------------------|------------------|
| | | RATE | UNIT | | 30 DAT 06/25/07 | 30 DAT 06/25/07 | 30 DAT 06/25/07 | BU/A 10/25/07 |
| 17A | OUTLOOK 6EC | 0.84 | LAA | 9 | 89 | 98 | 98 | 210.7 |
| | B>>IMPACT 2.8SC | 0.011 | LAA | 11 | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 11 | | | | |
| | D>>MSO | 1.00 | PMV | 11 | | | | |
| | E>>LIQUID AMS | 2.50 | PMV | 11 | | | | |
| 18A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 28.9 |
| 19A | GUARDSMAN MAX | 2.50 | LAA | 9 | 90 | 99 | 96 | 222.1 |
| | B>>STATUS 56DG | 0.175 | LAA | 12 | | | | |
| | C>>ACTIVATOR 90 | 0.25 | PMV | 12 | | | | |
| | D>>LIQUID AMS | 2.50 | PMV | 12 | | | | |
| 20A | BICEP II MAG | 2.89 | LAA | 9 | 93 | 99 | 99 | 209.4 |
| | B CALLISTO 4SC | 0.094 | LAA | 12 | | | | |
| | C ATRAZINE DF | 0.25 | LAA | 12 | | | | |
| | D>>COC | 1.00 | PMV | 12 | | | | |
| | E 28% UAN | 2.50 | PMV | 12 | | | | |
| | | LSLSD (0.05) | | | 25.00 | 19.82 | 16.30 | 50.37 |
| | | STANDARD DEVIATION | | | 12.38 | 9.81 | 8.07 | 24.92 |

>> = SUPPLEMENTAL CHEMICAL ---,M,C,D = MISSING DATA

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/03/2007(1)
11 = ----- / EPOST 05/29/2007(2)
12 = ----- / POST 06/06/2007(3)

| H# | CUSTOM#1 | CUSTOM#2 | EV. DATE | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS | C.M | CTRT | SS | NOTE |
|-----|----------|----------|------------|----|-----|--------|-------|-----|-----|-----|-----|-----|---------|-----|------|----|------|
| 001 | ZEAMD | CON % | 05/29/2007 | 01 | P | ZEAMD | 14 | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 002 | SETFA | CON % | 05/29/2007 | 02 | P | SETFA | 14 | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 003 | AMBTR | CON % | 05/29/2007 | 03 | P | AMBTR | 16 | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 004 | CHEAL | CON % | 05/29/2007 | 04 | P | CHEAL | 16 | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 005 | ABUTH | CON % | 05/29/2007 | 05 | P | ABUTH | 12 | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 006 | ZEAMD | 10 DAT | 06/07/2007 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 007 | SETFA | 10 DAT | 06/07/2007 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 008 | AMBTR | 10 DAT | 06/07/2007 | 03 | P | AMBTR | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 009 | CHEAL | 10 DAT | 06/07/2007 | 04 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 010 | ABUTH | 10 DAT | 06/07/2007 | 05 | P | ABUTH | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 011 | ZEAMD | 30 DAT | 06/25/2007 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 012 | SETFA | 30 DAT | 06/25/2007 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 013 | AMBTR | 30 DAT | 06/25/2007 | 03 | P | AMBTR | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 014 | CHEAL | 30 DAT | 06/25/2007 | 04 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 015 | ABUTH | 30 DAT | 06/25/2007 | 05 | P | ABUTH | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 016 | YIELD | BU/A | 10/25/2007 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |

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

01 = DEKALB 61-69

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED