

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 28 FEET

DESIGN: RCB
 REPS: 3

| APPL. NUMBER | 01 | 02 | 03 | 04 | UNIT |
|------------------|-----------|-----------|-----------|-----------|------|
| TIMINGS | 09 | 10 | 11 | 12 | |
| TYPE | LIQMIX | LIQMIX | LIQMIX | LIQMIX | |
| APPLICATION DATE | 05/10/06 | 06/01/06 | 06/07/06 | 06/15/06 | AME |
| AIR TEMPERATURE | 72 | 78 | 82 | 82 | F |
| % REL.HUMIDITY | 45 | 37 | 41 | 45 | |
| WIND DIRECTION | NORTHWEST | NORTHEAST | NORTHWEST | SOUTHWEST | |
| WIND SPEED | 5.0 | 7.0 | 13.0 | 7.0 | M/H |
| CLOUD COVER | CLOUDY | CLOUDY | PARTCLDY | CLOUDY | |
| DEW | --- | NO | NO | NO | |
| SOIL MOISTURE | DRY/MOIST | DRY/MOIST | DRY/MOIST | DRY/MOIST | |
| SOIL CONDITION | --- | --- | --- | --- | |
| METHOD | SPRAY | SPRAY | SPRAY | SPRAY | |
| EQUIPMENT | SPRBAC | SPRBAC | SPRBAC | SPRBAC | |
| PROPELLANT | COMCO2 | COMCO2 | COMCO2 | COMCO2 | |
| PLACEMENT | BRFOSO | BRFOSO | BRFOSO | BRFOSO | |
| NOZZLE | FLATFAN | FLATFAN | FLATFAN | FLATFAN | |
| NOZZLE NUMBER | 5 | 5 | 5 | 5 | |
| NOZZLE SPACING | 18.000 | 18.000 | 18.000 | 18.000 | IN |
| SWATH WIDTH | 7.5 | 7.5 | 7.5 | 7.5 | FT |
| SPRAY VOLUME | 20.00 | 20.00 | 20.00 | 20.00 | |
| VOLUME UNIT | GPA | GPA | GPA | GPA | |
| PRESSURE | 30.00 | 30.00 | 30.00 | 30.00 | PSI |
| DILUENT | WATER | WATER | WATER | WATER | |
| INC. DATE | | | | | AME |
| INC. START | | | | | 24H |
| INC. END | | | | | 24H |
| INC. DEPTH | | | | | IN |
| INC. EQUIPMENT | --- | --- | --- | --- | |
| DENSITY / | | | | | |
| *** CROP *** | | | | | |
| CORN, DENT | | ---/12 | ---/14 | ---/16 | |
| ASGROW 715 RR | | 4.00/5.00 | 9.00/10.0 | 14.0/15.0 | IN |
| 05/10/2006 | | | | | |
| *** PEST *** | | | | | |
| VELVETLEAF | | ---/11 | ---/12 | ---/14 | |
| | | 0.50/1.00 | 1.00/2.00 | 3.00/5.00 | IN |
| RAGWEED, GIANT | | ---/12 | ---/14 | ---/16 | |
| | | 0.50/2.50 | 3.00/4.00 | 6.00/8.00 | IN |
| LAMBSQUARTERS, C | | ---/14 | ---/16 | ---/19 | |
| | | 0.50/1.00 | 1.00/2.00 | 4.00/6.00 | IN |
| FOXTAIL, GIANT | | ---/12 | ---/14 | ---/16 | |
| | | 0.50/1.00 | 1.00/2.00 | 4.00/7.00 | IN |

* TIMING CODES

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

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 12 = 2 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Conventional Corn. SW-1500W
CREATED: 05/01/2006 **REVISED:** 11/08/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG **REPS:** 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | ZEAMD | SETFA | ABUTH | AMBTR | CHEAL | ZEAMD |
|------------|------------------------|--------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| | | RATE | UNIT | | CON % 06/01/06 | CON % 06/01/06 | CON % 06/01/06 | CON % 06/01/06 | CON % 06/01/06 | 10 DAT 06/13/06 |
| 1A | LUMAX | 2.94 | LAA | 9 | 0 | 98 | 96 | 82 | 99 | |
| 2A» | LEXAR 3.7L | 3.24 | LAA | 9 | 0 | 99 | 97 | 91 | 99 | |
| 3A | KEYSTONE 5.25 | 3.50 | LAA | 9 | 0 | 99 | 94 | 87 | 99 | |
| B | HORNET 68.5WG | 0.17 | LAA | 9 | | | | | | |
| 4A | FULTIME 4SC | 3.30 | LAA | 9 | 0 | 98 | 90 | 89 | 99 | |
| B | HORNET 68.5WG | 0.17 | LAA | 9 | | | | | | |
| 5A | DEGREE XTRA | 3.54 | LAA | 9 | 0 | 97 | 96 | 96 | 99 | |
| B | BALANCE PRO 4 | 0.063 | LAA | 9 | | | | | | |
| 6A» | RADIUS 4SC | 0.75 | LAA | 9 | 0 | 97 | 96 | 91 | 99 | |
| B | ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| 7A | GUARDSMAN MAX | 2.50 | LAA | 9 | 0 | 99 | 97 | 97 | 99 | |
| B | BALANCE PRO 4 | 0.047 | LAA | 9 | | | | | | |
| 8A» | STALWART EXTRA | 3.30 | LAA | 9 | 0 | 98 | 96 | 92 | 99 | |
| B | CALLISTO 4SC | 0.094 | LAA | 9 | | | | | | |
| 9A» | KIH-485 85WG | 0.19 | LAA | 9 | 0 | 97 | 96 | 83 | 99 | |
| B | CALLISTO 4SC | 0.125 | LAA | 9 | | | | | | |
| C | ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| 10A» | LEXAR 3.7L | 1.62 | LAA | 9 | 0 | 96 | 96 | 86 | 99 | 0 |
| B» | LEXAR 3.7L | 1.62 | LAA | 10 | | | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 10 | | | | | | |
| 11A | LUMAX | 1.96 | LAA | 9 | 0 | 98 | 96 | 87 | 99 | 0 |
| B | LUMAX | 0.98 | LAA | 10 | | | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 10 | | | | | | |
| 12A | GUARDSMAN MAX | 2.88 | LAA | 9 | 0 | 99 | 86 | 92 | 99 | 0 |
| B | DISTINCT 70SG | 0.175 | LAA | 10 | | | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 10 | | | | | | |
| 13A | GUARDSMAN MAX | 2.50 | LAA | 9 | 0 | 99 | 81 | 83 | 99 | 0 |
| B | MARKSMAN SC | 1.20 | LAA | 10 | | | | | | |
| C» | LIQUID AMS | 2.50 | PMV | 10 | | | | | | |
| 14A | OUTLOOK 6EC | 0.98 | LAA | 9 | 0 | 98 | 67 | 85 | 99 | 0 |
| B | MARKSMAN SC | 1.40 | LAA | 10 | | | | | | |
| C» | LIQUID AMS | 2.50 | PMV | 10 | | | | | | |
| 15A | GUARDSMAN MAX | 1.67 | LAA | 9 | 0 | 98 | 86 | 90 | 99 | 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 | | | | | | |
| 16A | BICEP II MAG | 3.30 | LAA | 9 | 0 | 94 | 81 | 81 | 99 | 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 | | | | | | |
| 17A | DUAL II MAGNUM | 1.59 | LAA | 9 | 0 | 97 | 57 | 58 | 98 | 3 |
| B | CALLISTO 4SC | 0.094 | LAA | 11 | | | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| D» | COC | 1.00 | PMV | 11 | | | | | | |
| E» | LIQUID AMS | 1.00 | PMV | 11 | | | | | | |
| 18A | SURPASS 6.4EC | 2.00 | LAA | 9 | 0 | 99 | 80 | 70 | 98 | 0 |
| B | HORNET 68.5WG | 0.128 | LAA | 11 | | | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| D» | COC | 1.00 | PMV | 11 | | | | | | |
| E» | LIQUID AMS | 1.00 | PMV | 11 | | | | | | |

TITLE: Weed Control Systems in Conventional Corn. SW-1500W

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | ZEAMD | SETFA | ABUTH | AMBTR | CHEAL | ZEAMD |
|------------|------------------------|--------------------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| | | RATE | UNIT | | CON % 06/01/06 | CON % 06/01/06 | CON % 06/01/06 | CON % 06/01/06 | CON % 06/01/06 | 10 DAT 06/13/06 |
| 19A | SURPASS 6.4EC | 2.00 | LAA | 9 | 0 | 99 | 79 | 65 | 99 | 0 |
| | B HORNET 68.5WG | 0.128 | LAA | 11 | | | | | | |
| | C»IMPACT 2.8SC | 0.0055 | LAA | 11 | | | | | | |
| | D ATRAZINE DF | 0.25 | LAA | 11 | | | | | | |
| | E»MSO | 1.00 | PMV | 11 | | | | | | |
| | F»LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 20A | OUTLOOK 6EC | 0.84 | LAA | 9 | 0 | 98 | 70 | 77 | 96 | 5 |
| | B DISTINCT 70SG | 0.175 | LAA | 11 | | | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| | D»ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | | |
| | E»LIQUID AMS | 1.00 | PMV | 11 | | | | | | |
| 21A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22A» | CINCH ATZ 5.5L | 1.03 | LAA | 9 | 0 | 91 | 73 | 78 | 98 | 1 |
| | B STEADFAST 75WG | 0.035 | LAA | 12 | | | | | | |
| | C CALLISTO 4SC | 0.047 | LAA | 12 | | | | | | |
| | D ATRAZINE DF | 0.50 | LAA | 12 | | | | | | |
| | E»COC | 1.00 | PMV | 12 | | | | | | |
| | F 28% UAN | 2.50 | PMV | 12 | | | | | | |
| 23A | GUARDSMAN MAX | 0.78 | LAA | 9 | 0 | 99 | 75 | 68 | 98 | 0 |
| | B»BAS 799 56DG | 0.175 | LAA | 12 | | | | | | |
| | C ACCENT 75WG | 0.031 | LAA | 12 | | | | | | |
| | D»ACTIVATOR 90 | 0.25 | PMV | 12 | | | | | | |
| | E»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 24A | GUARDSMAN MAX | 2.50 | LAA | 9 | 0 | 98 | 79 | 83 | 99 | 0 |
| | B»BAS 799 56DG | 0.175 | LAA | 12 | | | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV | 12 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| | | LSD (0.05) | | | 0.00 | 3.52 | 5.54 | 18.45 | 1.48 | 1.57 |
| | | STANDARD DEVIATION | | | 0.00 | 1.76 | 2.77 | 9.23 | 0.741 | 0.768 |

TITLE: Weed Control Systems in Conventional Corn. SW-1500W
CREATED: 05/01/2006 **REVISED:** 11/08/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG **REPS:** 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | SETFA | ABUTH | AMBTR | CHEAL | ZEAMD | SETFA |
|------------|------------------------|--------|------|----|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | | RATE | UNIT | | 10 DAT 06/13/06 | 10 DAT 06/13/06 | 10 DAT 06/13/06 | 10 DAT 06/13/06 | 30 DAT 07/05/06 | 30 DAT 07/05/06 |
| 1A | LUMAX | 2.94 | LAA | 9 | | | | | 0 | 87 |
| 2A» | LEXAR 3.7L | 3.24 | LAA | 9 | | | | | 0 | 85 |
| 3A | KEYSTONE 5.25 | 3.50 | LAA | 9 | | | | | 0 | 95 |
| B | HORNET 68.5WG | 0.17 | LAA | 9 | | | | | | |
| 4A | FULTIME 4SC | 3.30 | LAA | 9 | | | | | 0 | 92 |
| B | HORNET 68.5WG | 0.17 | LAA | 9 | | | | | | |
| 5A | DEGREE XTRA | 3.54 | LAA | 9 | | | | | 0 | 79 |
| B | BALANCE PRO 4 | 0.063 | LAA | 9 | | | | | | |
| 6A» | RADIUS 4SC | 0.75 | LAA | 9 | | | | | 0 | 84 |
| B | ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| 7A | GUARDSMAN MAX | 2.50 | LAA | 9 | | | | | 0 | 91 |
| B | BALANCE PRO 4 | 0.047 | LAA | 9 | | | | | | |
| 8A» | STALWART EXTRA | 3.30 | LAA | 9 | | | | | 0 | 87 |
| B | CALLISTO 4SC | 0.094 | LAA | 9 | | | | | | |
| 9A» | KIH-485 85WG | 0.19 | LAA | 9 | | | | | 0 | 70 |
| B | CALLISTO 4SC | 0.125 | LAA | 9 | | | | | | |
| C | ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| 10A» | LEXAR 3.7L | 1.62 | LAA | 9 | 94 | 99 | 93 | 99 | 0 | 82 |
| B» | LEXAR 3.7L | 1.62 | LAA | 10 | | | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 10 | | | | | | |
| 11A | LUMAX | 1.96 | LAA | 9 | 96 | 98 | 93 | 99 | 0 | 87 |
| B | LUMAX | 0.98 | LAA | 10 | | | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 10 | | | | | | |
| 12A | GUARDSMAN MAX | 2.88 | LAA | 9 | 98 | 90 | 96 | 99 | 0 | 94 |
| B | DISTINCT 70SG | 0.175 | LAA | 10 | | | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 10 | | | | | | |
| 13A | GUARDSMAN MAX | 2.50 | LAA | 9 | 96 | 95 | 97 | 99 | 0 | 85 |
| B | MARKSMAN SC | 1.20 | LAA | 10 | | | | | | |
| C» | LIQUID AMS | 2.50 | PMV | 10 | | | | | | |
| 14A | OUTLOOK 6EC | 0.98 | LAA | 9 | 98 | 92 | 95 | 99 | 0 | 93 |
| B | MARKSMAN SC | 1.40 | LAA | 10 | | | | | | |
| C» | LIQUID AMS | 2.50 | PMV | 10 | | | | | | |
| 15A | GUARDSMAN MAX | 1.67 | LAA | 9 | 98 | 96 | 98 | 98 | 0 | 96 |
| 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 | | | | | | |
| 16A | BICEP II MAG | 3.30 | LAA | 9 | 95 | 97 | 97 | 99 | 0 | 87 |
| 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 | | | | | | |
| 17A | DUAL II MAGNUM | 1.59 | LAA | 9 | 96 | 96 | 92 | 99 | 0 | 86 |
| B | CALLISTO 4SC | 0.094 | LAA | 11 | | | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| D» | COC | 1.00 | PMV | 11 | | | | | | |
| E» | LIQUID AMS | 1.00 | PMV | 11 | | | | | | |
| 18A | SURPASS 6.4EC | 2.00 | LAA | 9 | 98 | 92 | 93 | 99 | 0 | 92 |
| B | HORNET 68.5WG | 0.128 | LAA | 11 | | | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| D» | COC | 1.00 | PMV | 11 | | | | | | |
| E» | LIQUID AMS | 1.00 | PMV | 11 | | | | | | |

TITLE: Weed Control Systems in Conventional Corn. SW-1500W

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | SETFA | ABUTH | AMBTR | CHEAL | ZEAMD | SETFA |
|------------|------------------------|--------------------|------|----|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | | RATE | UNIT | | 10 DAT 06/13/06 | 10 DAT 06/13/06 | 10 DAT 06/13/06 | 10 DAT 06/13/06 | 30 DAT 07/05/06 | 30 DAT 07/05/06 |
| 19A | SURPASS 6.4EC | 2.00 | LAA | 9 | 99 | 96 | 97 | 99 | 0 | 94 |
| | B HORNET 68.5WG | 0.128 | LAA | 11 | | | | | | |
| | C»IMPACT 2.8SC | 0.0055 | LAA | 11 | | | | | | |
| | D ATRAZINE DF | 0.25 | LAA | 11 | | | | | | |
| | E»MSO | 1.00 | PMV | 11 | | | | | | |
| | F»LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 20A | OUTLOOK 6EC | 0.84 | LAA | 9 | 96 | 93 | 96 | 99 | 0 | 92 |
| | B DISTINCT 70SG | 0.175 | LAA | 11 | | | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 11 | | | | | | |
| | D»ACTIVATOR 90 | 0.25 | PMV | 11 | | | | | | |
| | E»LIQUID AMS | 1.00 | PMV | 11 | | | | | | |
| 21A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 22A» | CINCH ATZ 5.5L | 1.03 | LAA | 9 | 94 | 98 | 98 | 99 | 0 | 96 |
| | B STEADFAST 75WG | 0.035 | LAA | 12 | | | | | | |
| | C CALLISTO 4SC | 0.047 | LAA | 12 | | | | | | |
| | D ATRAZINE DF | 0.50 | LAA | 12 | | | | | | |
| | E»COC | 1.00 | PMV | 12 | | | | | | |
| | F 28% UAN | 2.50 | PMV | 12 | | | | | | |
| 23A | GUARDSMAN MAX | 0.78 | LAA | 9 | 98 | 89 | 93 | 98 | 0 | 96 |
| | B»BAS 799 56DG | 0.175 | LAA | 12 | | | | | | |
| | C ACCENT 75WG | 0.031 | LAA | 12 | | | | | | |
| | D»ACTIVATOR 90 | 0.25 | PMV | 12 | | | | | | |
| | E»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 24A | GUARDSMAN MAX | 2.50 | LAA | 9 | 97 | 90 | 91 | 99 | 0 | 96 |
| | B»BAS 799 56DG | 0.175 | LAA | 12 | | | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV | 12 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| | | LSD (0.05) | | | 3.28 | 2.62 | 6.08 | 1.08 | 0.00 | 10.68 |
| | | STANDARD DEVIATION | | | 1.60 | 1.28 | 3.00 | 0.529 | 0.00 | 5.34 |

TITLE: Weed Control Systems in Conventional Corn. SW-1500W
CREATED: 05/01/2006 **REVISED:** 11/08/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG **REPS:** 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | ABUTH | AMBTR | CHEAL | YIELD |
|------------|------------------------|--------|------|----|--------------------|--------------------|--------------------|------------------|
| | | RATE | UNIT | | 30 DAT 07/05/06 | 30 DAT 07/05/06 | 30 DAT 07/05/06 | BU/A 10/24/06 |
| 1A | LUMAX | 2.94 | LAA | 9 | 96 | 71 | 99 | 171.6 |
| 2A» | LEXAR 3.7L | 3.24 | LAA | 9 | 89 | 88 | 99 | 182.0 |
| 3A | KEYSTONE 5.25 | 3.50 | LAA | 9 | 67 | 60 | 98 | 174.7 |
| B | HORNET 68.5WG | 0.17 | LAA | 9 | | | | |
| 4A | FULTIME 4SC | 3.30 | LAA | 9 | 70 | 68 | 99 | 187.3 |
| B | HORNET 68.5WG | 0.17 | LAA | 9 | | | | |
| 5A | DEGREE XTRA | 3.54 | LAA | 9 | 88 | 94 | 99 | 192.0 |
| B | BALANCE PRO 4 | 0.063 | LAA | 9 | | | | |
| 6A» | RADIUS 4SC | 0.75 | LAA | 9 | 90 | 84 | 99 | 163.2 |
| B | ATRAZINE DF | 1.00 | LAA | 9 | | | | |
| 7A | GUARDSMAN MAX | 2.50 | LAA | 9 | 86 | 97 | 98 | 197.3 |
| B | BALANCE PRO 4 | 0.047 | LAA | 9 | | | | |
| 8A» | STALWART EXTRA | 3.30 | LAA | 9 | 89 | 71 | 99 | 186.1 |
| B | CALLISTO 4SC | 0.094 | LAA | 9 | | | | |
| 9A» | KIH-485 85WG | 0.19 | LAA | 9 | 72 | 38 | 99 | 124.0 |
| B | CALLISTO 4SC | 0.125 | LAA | 9 | | | | |
| C | ATRAZINE DF | 1.00 | LAA | 9 | | | | |
| 10A» | LEXAR 3.7L | 1.62 | LAA | 9 | 99 | 96 | 99 | 182.1 |
| B» | LEXAR 3.7L | 1.62 | LAA | 10 | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 10 | | | | |
| 11A | LUMAX | 1.96 | LAA | 9 | 96 | 84 | 99 | 200.4 |
| B | LUMAX | 0.98 | LAA | 10 | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 10 | | | | |
| 12A | GUARDSMAN MAX | 2.88 | LAA | 9 | 71 | 97 | 98 | 198.5 |
| B | DISTINCT 70SG | 0.175 | LAA | 10 | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV | 10 | | | | |
| 13A | GUARDSMAN MAX | 2.50 | LAA | 9 | 88 | 96 | 99 | 182.3 |
| B | MARKSMAN SC | 1.20 | LAA | 10 | | | | |
| C» | LIQUID AMS | 2.50 | PMV | 10 | | | | |
| 14A | OUTLOOK 6EC | 0.98 | LAA | 9 | 86 | 98 | 99 | 189.2 |
| B | MARKSMAN SC | 1.40 | LAA | 10 | | | | |
| C» | LIQUID AMS | 2.50 | PMV | 10 | | | | |
| 15A | GUARDSMAN MAX | 1.67 | LAA | 9 | 81 | 98 | 98 | 200.2 |
| 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 | | | | |
| 16A | BICEP II MAG | 3.30 | LAA | 9 | 99 | 98 | 99 | 195.0 |
| 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 | | | | |
| 17A | DUAL II MAGNUM | 1.59 | LAA | 9 | 98 | 91 | 99 | 183.4 |
| B | CALLISTO 4SC | 0.094 | LAA | 11 | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | |
| D» | COC | 1.00 | PMV | 11 | | | | |
| E» | LIQUID AMS | 1.00 | PMV | 11 | | | | |
| 18A | SURPASS 6.4EC | 2.00 | LAA | 9 | 90 | 88 | 99 | 162.3 |
| B | HORNET 68.5WG | 0.128 | LAA | 11 | | | | |
| C | ATRAZINE DF | 0.50 | LAA | 11 | | | | |
| D» | COC | 1.00 | PMV | 11 | | | | |
| E» | LIQUID AMS | 1.00 | PMV | 11 | | | | |

TITLE: Weed Control Systems in Conventional Corn. SW-1500W

| TRT | TREATMENT | DOSAGE | ABUTH | AMBTR | CHEAL | YIELD | | |
|------|------------------|--------------------|-------|-------|----------|----------|----------|----------|
| NUM | COMPONENT | RATE | UNIT | TM | 30 DAT | 30 DAT | 30 DAT | BU/A |
| | | | | | 07/05/06 | 07/05/06 | 07/05/06 | 10/24/06 |
| 19A | SURPASS 6.4EC | 2.00 | LAA | 9 | 91 | 93 | 99 | 204.3 |
| | B HORNET 68.5WG | 0.128 | LAA | 11 | | | | |
| | C>IMPACT 2.8SC | 0.0055 | LAA | 11 | | | | |
| | D ATRAZINE DF | 0.25 | LAA | 11 | | | | |
| | E>MSO | 1.00 | PMV | 11 | | | | |
| | F>LIQUID AMS | 2.50 | PMV | 11 | | | | |
| 20A | OUTLOOK 6EC | 0.84 | LAA | 9 | 84 | 94 | 99 | 203.9 |
| | B DISTINCT 70SG | 0.175 | LAA | 11 | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 11 | | | | |
| | D>ACTIVATOR 90 | 0.25 | PMV | 11 | | | | |
| | E>LIQUID AMS | 1.00 | PMV | 11 | | | | |
| 21A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 50.2 |
| 22A> | CINCH ATZ 5.5L | 1.03 | LAA | 9 | 99 | 98 | 99 | 186.0 |
| | B STEADFAST 75WG | 0.035 | LAA | 12 | | | | |
| | C CALLISTO 4SC | 0.047 | LAA | 12 | | | | |
| | D ATRAZINE DF | 0.50 | LAA | 12 | | | | |
| | E>COC | 1.00 | PMV | 12 | | | | |
| | F 28% UAN | 2.50 | PMV | 12 | | | | |
| 23A | GUARDSMAN MAX | 0.78 | LAA | 9 | 95 | 97 | 98 | 190.4 |
| | B>BAS 799 56DG | 0.175 | LAA | 12 | | | | |
| | C ACCENT 75WG | 0.031 | LAA | 12 | | | | |
| | D>ACTIVATOR 90 | 0.25 | PMV | 12 | | | | |
| | E>LIQUID AMS | 2.50 | PMV | 12 | | | | |
| 24A | GUARDSMAN MAX | 2.50 | LAA | 9 | 95 | 98 | 99 | 198.9 |
| | B>BAS 799 56DG | 0.175 | LAA | 12 | | | | |
| | C>ACTIVATOR 90 | 0.25 | PMV | 12 | | | | |
| | D>LIQUID AMS | 2.50 | PMV | 12 | | | | |
| | | LSL (0.05) | | | 8.84 | 18.49 | 1.09 | 38.55 |
| | | STANDARD DEVIATION | | | 4.42 | 9.24 | 0.543 | 19.28 |

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/10/2006(1)
- 10 = ----- / VEPOST 06/01/2006(2)
- 11 = ----- / EPOST 06/07/2006(3)
- 12 = ----- / POST 06/15/2006(4)

| H# | CUSTOM#1 | CUSTOM#2 | EV.DATE | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS | C.M | CTRTR | SS | NOTE |
|-----|----------|----------|------------|----|-----|--------|-------|-----|-----|-----|-----|-----|---------|-----|-------|----|------|
| 001 | ZEAMD | CON % | 06/01/2006 | 01 | P | ZEAMD | 12 | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 002 | SETFA | CON % | 06/01/2006 | 02 | P | SETFA | 12 | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 003 | ABUTH | CON % | 06/01/2006 | 03 | P | ABUTH | 11 | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 004 | AMBTR | CON % | 06/01/2006 | 04 | P | AMBTR | 12 | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 005 | CHEAL | CON % | 06/01/2006 | 05 | P | CHEAL | 14 | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 006 | ZEAMD | 10 DAT | 06/13/2006 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 007 | SETFA | 10 DAT | 06/13/2006 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 008 | ABUTH | 10 DAT | 06/13/2006 | 03 | P | ABUTH | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 009 | AMBTR | 10 DAT | 06/13/2006 | 04 | P | AMBTR | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 010 | CHEAL | 10 DAT | 06/13/2006 | 05 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 011 | ZEAMD | 30 DAT | 07/05/2006 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 012 | SETFA | 30 DAT | 07/05/2006 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 013 | ABUTH | 30 DAT | 07/05/2006 | 03 | P | ABUTH | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 014 | AMBTR | 30 DAT | 07/05/2006 | 04 | P | AMBTR | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 015 | CHEAL | 30 DAT | 07/05/2006 | 05 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 016 | YIELD | BU/A | 10/24/2006 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 715 RR

* STAGE CODE

- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2 LEAVES UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED