

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 3

| APPL. NUMBER | 01 | 02 | 03 | UNIT |
|----------------------|------------------------|------------------------|------------------------|------|
| TIMINGS | 09 | 11 | 12 | |
| TYPE | LIQUID MI | LIQUID MI | LIQUID MI | |
| APPLICATION DATE | 04/25/15 | 05/15/15 | 05/28/15 | AME |
| AIR TEMPERATURE | 52 | 65 | 79 | F |
| % REL.HUMIDITY | 35 | 71 | 41 | |
| WIND DIRECTION | SOUTHWEST | WEST | EAST | |
| WIND SPEED | 5.0 | 6.0 | 6.0 | M/H |
| CLOUD COVER | PAR.CLOUD | PAR.CLOUD | CLEAR-0% | |
| DEW | NO | NO | NO | |
| SOIL MOISTURE | DRY/MOIST | MOIST/MOI | DRY/MOIST | |
| SOIL CONDITION | TO BE SEL | TO BE SEL | TO BE SEL | |
| METHOD | SPRAY | SPRAY | SPRAY | |
| EQUIPMENT | BACKPACK/ | BACKPACK/ | BACKPACK/ | |
| PROPELLANT | COMPRESSE | COMPRESSE | COMPRESSE | |
| PLACEMENT | BROADCAST | BROADCAST | BROADCAST | |
| NOZZLE | FLATFAN | FLATFAN | FLATFAN | |
| NOZZLE DESCRIPTION | | | | |
| NOZZLE NUMBER | 5 | 5 | 5 | |
| NOZZLE SPACING | 18.000 | 18.000 | 18.000 | IN |
| SCREEN SIZE | | | | |
| SCREEN SZ DESC | NA | NA | NA | |
| SWATH WIDTH | 7.5 | 7.5 | 7.5 | FT |
| SPRAY VOLUME | 20.00 | 20.00 | 20.00 | |
| SPRAY VOLUME UNIT | GPA | GPA | GPA | |
| PRESSURE | 30.00 | 30.00 | 30.00 | PSI |
| DILUENT | WATER | WATER | WATER | |
| INC. DATE | | | | AME |
| INC. START | | | | 24H |
| INC. END | | | | 24H |
| INC. DEPTH | | | | IN |
| INC. EQUIPMENT | TO BE SEL | TO BE SEL | TO BE SEL | |
| FOLIAGE HEIGHT | | | | FT |
| FOLIAGE WIDTH | | | | FT |
| ROW WIDTH | | | | FT |
| SPRAY VOL LWA/TRV | | | | |
| S VOL LWA/TRV UNIT | | | | |
| LEAF WALL AREA | | | | M2H |
| TREE ROW VOLUME | | | | M3H |
| SPECIE AND STAGE | DEN / STG MIN / MAX | DEN / STG MIN / MAX | DEN / STG MIN / MAX | |
| CROP * | | | | |
| P, CORN, DENT | | | ---/15 | |
| GH G10 D98-3122 | | | 12.0/12.0 | IN |
| (PLANTED) 04/24/2015 | | | 34 DAP | |
| PEST * | | | | |
| P, VELVETLEAF | | | ---/15 3.00/5.00 | IN |
| P, WATERHEMP, COMMO | | | ---/19 2.00/4.00 | IN |
| P, LAMBSQUARTERS, C | | | ---/19 1.00/3.00 | IN |
| P, MORNINGGLORY, TA | | | ---/17 2.00/4.00 | IN |
| P, FOXTAIL, GIANT | | | ---/16 2.00/6.00 | IN |
| P, COCKLEBUR, COMMO | | | ---/16 3.00/6.00 | IN |

*** TIMING CODES**

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

*** STAGE CODE**

15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: FMC Weed Control Systems in RR/LL Corn. AS-200
CREATED: 04/14/2015 **REVISED:** 07/29/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | | ZEAMD | SETFA | CHEAL | AMATA | ABUTH | PHBPU |
|------------|------------------------|--------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT | TM | CON % 05/24/15 | CON % 05/24/15 | CON % 05/24/15 | CON % 05/24/15 | CON % 05/24/15 | CON % 05/24/15 |
| 1A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 0 | 92 | 99 | 99 | 80 | 73 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 2A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 0 | 94 | 99 | 99 | 87 | 86 |
| B | »ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| C | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 3A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 0 | 98 | 99 | 99 | 99 | 92 |
| B | »ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| C | »BAL FLEXX 2L | 0.031 | LAA | 9 | | | | | | |
| D | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| E | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 4A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 0 | 93 | 99 | 99 | 88 | 83 |
| B | »HORNET 68.5WG | 0.128 | LAA | 9 | | | | | | |
| C | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 5A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 0 | 99 | 99 | 99 | 86 | 80 |
| B | »ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| C | »SOLSTICE 4L | 0.094 | LAA | 12 | | | | | | |
| D | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| E | »COC | 1.00 | PMV | 12 | | | | | | |
| 6A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 0 | 91 | 99 | 99 | 77 | 67 |
| B | »SOLSTICE 4L | 0.078 | LAA | 12 | | | | | | |
| C | »ATRAZINE DF | 0.50 | LAA | 12 | | | | | | |
| D | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| E | »COC | 1.00 | PMV | 12 | | | | | | |
| 7A | DUAL II MAGNUM | 1.24 | LAA | 9 | 0 | 99 | 87 | 89 | 27 | 17 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 8A | »SURESTART II 4 | 1.04 | LAA | 9 | 0 | 96 | 99 | 99 | 78 | 69 |
| B | »ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| C | »DURANGO 4AE | 1.00 | LAA | 12 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 9A | »ACURON 3.44 ZC | 1.29 | LAA | 9 | 0 | 95 | 99 | 99 | 99 | 78 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 10A | »CORVUS 2.6SC | 0.114 | LAA | 9 | 0 | 88 | 99 | 99 | 99 | 70 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 11A | »VERDICT 5.57L | 0.696 | LAA | 9 | 0 | 99 | 99 | 99 | 98 | 90 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 12A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 6 | 99 | 99 | 99 | 99 | 99 |
| B | »ATRAZINE DF | 1.00 | LAA | 11 | | | | | | |
| C | »RNDUP POWERMAX | 1.05 | LAA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 14A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 6 | 99 | 99 | 99 | 99 | 99 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 11 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 15A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 5 | 99 | 99 | 99 | 99 | 99 |
| B | »DIFLEXX 4L | 0.375 | LAA | 11 | | | | | | |
| C | »RNDUP POWERMAX | 1.05 | LAA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |

TITLE: FMC Weed Control Systems in RR/LL Corn. AS-200

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | ZEAMD | SETFA | CHEAL | AMATA | ABUTH | PHBPU |
|------------|------------------------|--------|---------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT TM | CON % 05/24/15 | CON % 05/24/15 | CON % 05/24/15 | CON % 05/24/15 | CON % 05/24/15 | CON % 05/24/15 |
| 16A» | HALEX GT 4.38L | 1.97 | LAA 11 | 11 | 99 | 99 | 99 | 99 | 99 |
| B | ATRAZINE DF | 1.00 | LAA 11 | | | | | | |
| C» | ACTIVATOR 90 | 0.25 | PMV 11 | | | | | | |
| D» | LIQUID AMS | 2.50 | PMV 11 | | | | | | |
| | LSD (0.05) | | | 1.72 | 6.28 | 2.41 | 2.51 | 11.40 | 12.54 |
| | STANDARD DEVIATION | | | 0.842 | 3.07 | 1.18 | 1.23 | 5.58 | 6.14 |

TITLE: FMC Weed Control Systems in RR/LL Corn. AS-200
CREATED: 04/14/2015 **REVISED:** 07/29/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | | XANST CON % 05/24/15 | ZEAMD CON % 06/04/15 | ZEAMD CON % 06/08/15 | SETFA CON % 06/08/15 | CHEAL CON % 06/08/15 | AMATA CON % 06/08/15 |
|------------|------------------------|--------|------|----|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| | | RATE | UNIT | TM | | | | | | |
| 1A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 68 | 0 | 0 | 99 | 99 | 99 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 2A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 77 | 0 | 0 | 99 | 99 | 99 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| | C»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 3A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 90 | 0 | 0 | 99 | 99 | 99 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| | C»BAL FLEXX 2L | 0.031 | LAA | 9 | | | | | | |
| | D»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| | E»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 4A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 86 | 0 | 0 | 99 | 99 | 99 |
| | B HORNET 68.5WG | 0.128 | LAA | 9 | | | | | | |
| | C»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 5A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 76 | 0 | 0 | 98 | 99 | 99 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| | C»SOLSTICE 4L | 0.094 | LAA | 12 | | | | | | |
| | D»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| | E»COC | 1.00 | PMV | 12 | | | | | | |
| 6A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 63 | 0 | 0 | 99 | 99 | 99 |
| | B»SOLSTICE 4L | 0.078 | LAA | 12 | | | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 12 | | | | | | |
| | D»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| | E»COC | 1.00 | PMV | 12 | | | | | | |
| 7A | DUAL II MAGNUM | 1.24 | LAA | 9 | 17 | 0 | 0 | 99 | 99 | 99 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 8A | »SURESTART II 4 | 1.04 | LAA | 9 | 71 | 0 | 0 | 99 | 99 | 99 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| | C»DURANGO 4AE | 1.00 | LAA | 12 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 9A | »ACURON 3.44 ZC | 1.29 | LAA | 9 | 82 | 0 | 0 | 99 | 99 | 99 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 10A | »CORVUS 2.6SC | 0.114 | LAA | 9 | 82 | 0 | 0 | 97 | 99 | 99 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 11A | »VERDICT 5.57L | 0.696 | LAA | 9 | 91 | 0 | 0 | 99 | 99 | 99 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 12A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 99 | 0 | 0 | 99 | 99 | 99 |
| | B ATRAZINE DF | 1.00 | LAA | 11 | | | | | | |
| | C»RNDUP POWERMAX | 1.05 | LAA | 11 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 14A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 99 | 0 | 0 | 99 | 99 | 99 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 11 | | | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 15A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 99 | 0 | 0 | 99 | 99 | 99 |
| | B»DIFLEXX 4L | 0.375 | LAA | 11 | | | | | | |
| | C»RNDUP POWERMAX | 1.05 | LAA | 11 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 11 | | | | | | |

TITLE: FMC Weed Control Systems in RR/LL Corn. AS-200

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | XANST | ZEAMD | ZEAMD | SETFA | CHEAL | AMATA |
|------------|------------------------|--------------------|---------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT TM | CON % 05/24/15 | CON % 06/04/15 | CON % 06/08/15 | CON % 06/08/15 | CON % 06/08/15 | CON % 06/08/15 |
| 16A» | HALEX GT 4.38L | 1.97 | LAA 11 | 99 | 0 | 0 | 99 | 99 | 99 |
| | B ATRAZINE DF | 1.00 | LAA 11 | | | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV 11 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV 11 | | | | | | |
| | | LSD (0.05) | | 11.31 | 0.00 | 0.00 | 0.70 | 0.00 | 0.00 |
| | | STANDARD DEVIATION | | 5.54 | 0.00 | 0.00 | 0.343 | 0.00 | 0.00 |

TITLE: FMC Weed Control Systems in RR/LL Corn. AS-200
CREATED: 04/14/2015 **REVISED:** 07/29/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | ABUTH | PHBPU | XANST | ZEAMD | SETFA | CHEAL |
|------------|------------------------|--------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT | | CON % 06/08/15 | CON % 06/08/15 | CON % 06/08/15 | CON % 06/29/15 | CON % 06/29/15 | CON % 06/29/15 |
| 1A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 89 | 92 | 0 | 98 | 99 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 2A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 92 | 95 | 0 | 99 | 99 |
| B | »ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| C | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 3A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 93 | 94 | 0 | 99 | 99 |
| B | »ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| C | »BAL FLEXX 2L | 0.031 | LAA | 9 | | | | | | |
| D | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| E | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 4A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 94 | 97 | 0 | 97 | 99 |
| B | »HORNET 68.5WG | 0.128 | LAA | 9 | | | | | | |
| C | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 5A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 95 | 96 | 0 | 99 | 99 |
| B | »ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| C | »SOLSTICE 4L | 0.094 | LAA | 12 | | | | | | |
| D | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| E | »COC | 1.00 | PMV | 12 | | | | | | |
| 6A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 94 | 96 | 0 | 99 | 99 |
| B | »SOLSTICE 4L | 0.078 | LAA | 12 | | | | | | |
| C | »ATRAZINE DF | 0.50 | LAA | 12 | | | | | | |
| D | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| E | »COC | 1.00 | PMV | 12 | | | | | | |
| 7A | DUAL II MAGNUM | 1.24 | LAA | 9 | 95 | 76 | 77 | 0 | 98 | 99 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 8A | »SURESTART II 4 | 1.04 | LAA | 9 | 99 | 87 | 91 | 0 | 95 | 99 |
| B | »ATRAZINE DF | 1.00 | LAA | 9 | | | | | | |
| C | »DURANGO 4AE | 1.00 | LAA | 12 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 9A | »ACURON 3.44 ZC | 1.29 | LAA | 9 | 99 | 92 | 94 | 0 | 98 | 99 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 10A | »CORVUS 2.6SC | 0.114 | LAA | 9 | 99 | 90 | 94 | 0 | 93 | 99 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 11A | »VERDICT 5.57L | 0.696 | LAA | 9 | 99 | 95 | 97 | 0 | 94 | 99 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 12 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 12 | | | | | | |
| 12A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 99 | 93 | 91 | 0 | 99 | 99 |
| B | »ATRAZINE DF | 1.00 | LAA | 11 | | | | | | |
| C | »RNDUP POWERMAX | 1.05 | LAA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 14A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 99 | 81 | 80 | 0 | 99 | 99 |
| B | »RNDUP POWERMAX | 1.05 | LAA | 11 | | | | | | |
| C | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 15A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 99 | 94 | 96 | 0 | 97 | 99 |
| B | »DIFLEXX 4L | 0.375 | LAA | 11 | | | | | | |
| C | »RNDUP POWERMAX | 1.05 | LAA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |

TITLE: FMC Weed Control Systems in RR/LL Corn. AS-200

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | ABUTH | PHBPU | XANST | ZEAMD | SETFA | CHEAL |
|------------|------------------------|--------------------|---------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT TM | CON % 06/08/15 | CON % 06/08/15 | CON % 06/08/15 | CON % 06/29/15 | CON % 06/29/15 | CON % 06/29/15 |
| 16A» | HALEX GT 4.38L | 1.97 | LAA 11 | 99 | 92 | 96 | 0 | 93 | 99 |
| | B ATRAZINE DF | 1.00 | LAA 11 | | | | | | |
| | C»ACTIVATOR 90 | 0.25 | PMV 11 | | | | | | |
| | D»LIQUID AMS | 2.50 | PMV 11 | | | | | | |
| | | LSD (0.05) | | 1.00 | 8.08 | 7.00 | 0.00 | 3.06 | 0.00 |
| | | STANDARD DEVIATION | | 0.514 | 4.00 | 3.45 | 0.00 | 1.50 | 0.00 |

TITLE: FMC Weed Control Systems in RR/LL Corn. AS-200
CREATED: 04/14/2015 **REVISED:** 07/29/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | AMATA | ABUTH | PHBPU | XANST |
|------------|------------------------|--------|------|----|-------------------|-------------------|-------------------|-------------------|
| | | RATE | UNIT | | CON % 06/29/15 | CON % 06/29/15 | CON % 06/29/15 | CON % 06/29/15 |
| 1A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 99 | 85 | 78 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 12 | | | | |
| 2A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 99 | 88 | 85 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | |
| | C»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 12 | | | | |
| 3A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 99 | 90 | 87 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | |
| | C»BAL FLEXX 2L | 0.031 | LAA | 9 | | | | |
| | D»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | |
| | E»LIQUID AMS | 2.50 | PMV | 12 | | | | |
| 4A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 99 | 90 | 93 |
| | B HORNET 68.5WG | 0.128 | LAA | 9 | | | | |
| | C»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 12 | | | | |
| 5A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 99 | 91 | 88 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | |
| | C»SOLSTICE 4L | 0.094 | LAA | 12 | | | | |
| | D»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | |
| | E»COC | 1.00 | PMV | 12 | | | | |
| 6A | »ANTHEM MAXX 4. | 0.134 | LAA | 9 | 99 | 99 | 89 | 89 |
| | B»SOLSTICE 4L | 0.078 | LAA | 12 | | | | |
| | C ATRAZINE DF | 0.50 | LAA | 12 | | | | |
| | D»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | |
| | E»COC | 1.00 | PMV | 12 | | | | |
| 7A | DUAL II MAGNUM | 1.24 | LAA | 9 | 99 | 91 | 72 | 72 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 12 | | | | |
| 8A | »SURESTART II 4 | 1.04 | LAA | 9 | 99 | 99 | 80 | 88 |
| | B ATRAZINE DF | 1.00 | LAA | 9 | | | | |
| | C»DURANGO 4AE | 1.00 | LAA | 12 | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 12 | | | | |
| 9A | »ACURON 3.44 ZC | 1.29 | LAA | 9 | 99 | 99 | 89 | 91 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 12 | | | | |
| 10A | »CORVUS 2.6SC | 0.114 | LAA | 9 | 99 | 99 | 95 | 96 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 12 | | | | |
| 11A | »VERDICT 5.57L | 0.696 | LAA | 9 | 99 | 99 | 93 | 94 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 12 | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 12 | | | | |
| 12A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 |
| 13A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 99 | 99 | 87 | 85 |
| | B ATRAZINE DF | 1.00 | LAA | 11 | | | | |
| | C»RNDUP POWERMAX | 1.05 | LAA | 11 | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 11 | | | | |
| 14A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 99 | 99 | 70 | 70 |
| | B»RNDUP POWERMAX | 1.05 | LAA | 11 | | | | |
| | C»LIQUID AMS | 2.50 | PMV | 11 | | | | |
| 15A | »ANTHEM MAXX 4. | 0.134 | LAA | 11 | 99 | 99 | 88 | 93 |
| | B»DIFLEXX 4L | 0.375 | LAA | 11 | | | | |
| | C»RNDUP POWERMAX | 1.05 | LAA | 11 | | | | |
| | D»LIQUID AMS | 2.50 | PMV | 11 | | | | |

TITLE: FMC Weed Control Systems in RR/LL Corn. AS-200

| TRT TREATMENT NUM COMPONENT | DOSAGE | | AMATA | ABUTH | PHBPU | XANST | |
|--------------------------------|--------------------|------|-------------------|-------------------|-------------------|-------------------|----|
| | RATE | UNIT | CON % 06/29/15 | CON % 06/29/15 | CON % 06/29/15 | CON % 06/29/15 | |
| 16A»HALEX GT 4.38L | 1.97 | LAA | 11 | 99 | 99 | 86 | 87 |
| B ATRAZINE DF | 1.00 | LAA | 11 | | | | |
| C»ACTIVATOR 90 | 0.25 | PMV | 11 | | | | |
| D»LIQUID AMS | 2.50 | PMV | 11 | | | | |
| | LSD (0.05) | | 0.00 | 3.00 | 6.17 | 9.00 | |
| | STANDARD DEVIATION | | 0.00 | 1.45 | 3.00 | 4.40 | |

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 04/25/2015(1)
 11 = --- / EPOST 05/15/2015(2)
 12 = --- / POST 05/28/2015(3)

| 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 % | 05/24/2015 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 002 | SETFA | CON % | 05/24/2015 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 003 | CHEAL | CON % | 05/24/2015 | 03 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 004 | AMATA | CON % | 05/24/2015 | 04 | P | AMATA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 005 | ABUTH | CON % | 05/24/2015 | 05 | P | ABUTH | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 006 | PHBPU | CON % | 05/24/2015 | 06 | P | PHBPU | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 007 | XANST | CON % | 05/24/2015 | 07 | P | XANST | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 008 | ZEAMD | CON % | 06/04/2015 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 009 | ZEAMD | CON % | 06/08/2015 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 010 | SETFA | CON % | 06/08/2015 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 011 | CHEAL | CON % | 06/08/2015 | 03 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 012 | AMATA | CON % | 06/08/2015 | 04 | P | AMATA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 013 | ABUTH | CON % | 06/08/2015 | 05 | P | ABUTH | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 014 | PHBPU | CON % | 06/08/2015 | 06 | P | PHBPU | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 015 | XANST | CON % | 06/08/2015 | 07 | P | XANST | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 016 | ZEAMD | CON % | 06/29/2015 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 017 | SETFA | CON % | 06/29/2015 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 018 | CHEAL | CON % | 06/29/2015 | 03 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 019 | AMATA | CON % | 06/29/2015 | 04 | P | AMATA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 020 | ABUTH | CON % | 06/29/2015 | 05 | P | ABUTH | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 021 | PHBPU | CON % | 06/29/2015 | 06 | P | PHBPU | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 022 | XANST | CON % | 06/29/2015 | 07 | P | XANST | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |

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

01 = GH G10 D98-3122