

## SOIL 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

## TRIAL INFORMATION

DESIGN: RCB  
 REPS: 3

| APPL. NUMBER                                          | 01                     | 02                            | UNIT |
|-------------------------------------------------------|------------------------|-------------------------------|------|
| TIMINGS                                               | 09 11                  | 11                            |      |
| TYPE                                                  | LIQMIX                 | LIQMIX                        |      |
| APPLICATION DATE                                      | 05/15/13               | 06/06/13                      | AME  |
| AIR TEMPERATURE                                       | 85                     | 75                            | F    |
| % REL.HUMIDITY                                        | 41                     | 41                            |      |
| WIND DIRECTION                                        | SOUTHWEST              | NORTHEAST                     |      |
| WIND SPEED                                            | 10.0                   | 3.0                           | M/H  |
| CLOUD COVER                                           | CLEAR                  | CLEAR                         |      |
| DEW                                                   | NO                     | NO                            |      |
| SOIL MOISTURE                                         | DRY/MOIST              | DRY/MOIST                     |      |
| SOIL CONDITION                                        | ---                    | ---                           |      |
| METHOD                                                | SPRAY                  | SPRAY                         |      |
| EQUIPMENT                                             | BACKPACK/              | BACKPACK/                     |      |
| PROPELLANT                                            | COMPRESSE              | COMPRESSE                     |      |
| PLACEMENT                                             | BROADCAST              | BROADCAST                     |      |
| NOZZLE                                                | FLATFAN                | FLATFAN                       |      |
| NOZZLE DESCRIPTION                                    |                        |                               |      |
| NOZZLE NUMBER                                         | 5                      | 5                             |      |
| NOZZLE SPACING                                        | 18.000                 | 18.000                        | IN   |
| SCREEN SIZE                                           |                        |                               |      |
| SCREEN SZ DESC                                        | NA                     | NA                            |      |
| SWATH WIDTH                                           | 7.5                    | 7.5                           | FT   |
| SPRAY VOLUME                                          | 20.00                  | 20.00                         |      |
| SPRAY VOLUME UNIT                                     | GPA                    | GPA                           |      |
| PRESSURE                                              | 30.00                  | 30.00                         | PSI  |
| DILUENT                                               | WATER                  | WATER                         |      |
| INC. DATE                                             |                        |                               | AME  |
| INC. START                                            |                        |                               | 24H  |
| INC. END                                              |                        |                               | 24H  |
| INC. DEPTH                                            |                        |                               | IN   |
| INC. EQUIPMENT                                        | ---                    | ---                           |      |
| 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<br>MIN / MAX | DEN / STG<br>MIN / MAX        |      |
| CROP *                                                |                        |                               |      |
| P, CORN, DENT<br>NK-74R RR/LL<br>(PLANTED) 05/15/2013 |                        | ---/14<br>9.00/9.00<br>22 DAP | IN   |
| PEST *                                                |                        |                               |      |
| P, VELVETLEAF                                         |                        | ---/12<br>1.00/2.00           | IN   |
| P, WATERHEMP, COMMO                                   |                        | ---/18<br>1.00/3.00           | IN   |
| P, LAMBSQUARTERS, C                                   |                        | ---/15<br>0.50/1.50           | IN   |
| P, MORNINGGLORY, TA                                   |                        | ---/12<br>1.00/3.00           | IN   |
| P, FOXTAIL, GIANT                                     |                        | ---/14<br>1.00/4.00           | IN   |
| P, COCKLEBUR, COMMO                                   |                        | ---/14<br>4.00/8.00           | IN   |

**\* TIMING CODES**

09 = ----- / PREEMERGENCE  
11 = ----- / EPOST

**\* STAGE CODE**

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
14 = 4 LEAVES UNFOLDED  
14 = 4 LEAVES UNFOLDED  
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** F 9387-1 Tank-Mixes for Weed Control in RR/LL Corn. AS-200  
**CREATED:** 04/12/2013 **REVISED:** 08/14/2013 **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  | TREATMENT      | DOSAGE | ZEAMD   | SETFA    | CHEAL    | AMATA    | ABUTH    | PHBPU    |
|------|----------------|--------|---------|----------|----------|----------|----------|----------|
| NUM  | COMPONENT      | RATE   | UNIT TM | CON %    | CON %    | CON %    | CON %    | CON %    |
|      |                |        |         | 06/12/13 | 06/12/13 | 06/12/13 | 06/12/13 | 06/12/13 |
| 1A»  | RNDUP POWERMAX | 0.77   | LAA 11  | 0        | 99       | 87       | 89       | 85       |
| B»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          | 68       |
| 2A»  | LIBERTY 2.34L  | 0.40   | LAA 11  | 0        | 99       | 99       | 99       | 98       |
| B»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 3A»  | F9387 4L       | 0.078  | LAA 11  | 0        | 99       | 99       | 99       | 96       |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |          |          |          |          |          |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 4A»  | F9387 4L       | 0.098  | LAA 11  | 0        | 99       | 99       | 99       | 97       |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |          |          |          |          |          |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 5A»  | CADET 0.91EC   | 0.0053 | LAA 11  | 0        | 99       | 99       | 99       | 98       |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |          |          |          |          |          |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 6A   | CALLISTO 4SC   | 0.094  | LAA 11  | 0        | 97       | 94       | 96       | 80       |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |          |          |          |          |          |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 7A»  | F9387 4L       | 0.078  | LAA 11  | 4        | 99       | 99       | 99       | 99       |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11  |          |          |          |          |          |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 8A»  | F9387 4L       | 0.098  | LAA 11  | 4        | 99       | 99       | 99       | 99       |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11  |          |          |          |          |          |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 9A»  | CADET 0.91EC   | 0.0053 | LAA 11  | 7        | 99       | 99       | 99       | 99       |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11  |          |          |          |          |          |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 10A» | F9387 4L       | 0.078  | LAA 11  | 2        | 99       | 99       | 99       | 98       |
| B    | ATRAZINE DF    | 0.50   | LAA 11  |          |          |          |          |          |
| C»   | RNDUP POWERMAX | 0.77   | LAA 11  |          |          |          |          |          |
| D»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 11A» | F9387 4L       | 0.078  | LAA 11  | 3        | 99       | 99       | 99       | 99       |
| B    | ATRAZINE DF    | 0.50   | LAA 11  |          |          |          |          |          |
| C»   | LIBERTY 2.34L  | 0.40   | LAA 11  |          |          |          |          |          |
| D»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 12A» | ANTHEM ATZ 4.5 | 0.98   | LAA 9   | 2        | 99       | 99       | 99       | 99       |
| B»   | F9387 4L       | 0.078  | LAA 11  |          |          |          |          |          |
| C    | ATRAZINE DF    | 0.50   | LAA 11  |          |          |          |          |          |
| D»   | RNDUP POWERMAX | 0.77   | LAA 11  |          |          |          |          |          |
| E»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 13A  | CHECK          | 0.00   | NA 0    | 0        | 0        | 0        | 0        | 0        |
| 14A» | ANTHEM 2.15SE  | 0.134  | LAA 9   | 2        | 99       | 99       | 99       | 99       |
| B»   | F9387 4L       | 0.078  | LAA 11  |          |          |          |          |          |
| C    | ATRAZINE DF    | 0.50   | LAA 11  |          |          |          |          |          |
| D»   | RNDUP POWERMAX | 0.77   | LAA 11  |          |          |          |          |          |
| E»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 15A» | RNDUP POWERMAX | 0.77   | LAA 11  | 0        | 98       | 96       | 95       | 85       |
| B»   | STATUS 56DG    | 0.088  | LAA 11  |          |          |          |          |          |
| C»   | ACTIVATOR 90   | 0.25   | PMV 11  |          |          |          |          |          |
| D»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |
| 16A» | RNDUP POWERMAX | 0.77   | LAA 11  | 7        | 93       | 96       | 94       | 80       |
| B»   | CAPRENO 3.45 S | 0.054  | LAA 11  |          |          |          |          |          |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |          |          |          |          |          |

|                                                            |                                               |       |       |      |      |            |  |
|------------------------------------------------------------|-----------------------------------------------|-------|-------|------|------|------------|--|
| PAGE #4                                                    | TRIAL # US 106/13/01 002 01 : UCFMCTM* AS-200 |       |       |      |      | 01/30/2014 |  |
|                                                            | DATA MEAN                                     |       |       |      |      |            |  |
| TITLE: F 9387-1 Tank-Mixes for Weed Control in RR/LL Corn. | AS-200                                        |       |       |      |      |            |  |
| LSD (0.05)                                                 | 1.44                                          | 1.39  | 1.85  | 2.19 | 5.22 | 4.22       |  |
| STANDARD DEVIATION                                         | 0.705                                         | 0.678 | 0.905 | 1.07 | 2.56 | 2.07       |  |

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**CREATED:** 04/12/2013 **REVISED:** 08/14/2013 **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  | TREATMENT      | DOSAGE |         | XANST             | ZEAMD             | SETFA             | CHEAL             | AMATA             | ABUTH             |
|------|----------------|--------|---------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| NUM  | COMPONENT      | RATE   | UNIT TM | CON %<br>06/12/13 | CON %<br>06/20/13 | CON %<br>06/20/13 | CON %<br>06/20/13 | CON %<br>06/20/13 | CON %<br>06/20/13 |
| 1A»  | RNDUP POWERMAX | 0.77   | LAA 11  | 82                | 0                 | 92                | 97                | 98                | 99                |
| B»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 2A»  | LIBERTY 2.34L  | 0.40   | LAA 11  | 98                | 0                 | 95                | 89                | 96                | 99                |
| B»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 3A»  | F9387 4L       | 0.078  | LAA 11  | 94                | 0                 | 97                | 99                | 99                | 99                |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 4A»  | F9387 4L       | 0.098  | LAA 11  | 96                | 0                 | 97                | 99                | 98                | 99                |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 5A»  | CADET 0.91EC   | 0.0053 | LAA 11  | 98                | 0                 | 93                | 99                | 99                | 99                |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 6A   | CALLISTO 4SC   | 0.094  | LAA 11  | 90                | 0                 | 94                | 99                | 99                | 99                |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 7A»  | F9387 4L       | 0.078  | LAA 11  | 99                | 0                 | 90                | 99                | 99                | 99                |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 8A»  | F9387 4L       | 0.098  | LAA 11  | 99                | 0                 | 88                | 99                | 99                | 99                |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 9A»  | CADET 0.91EC   | 0.0053 | LAA 11  | 99                | 0                 | 93                | 99                | 98                | 99                |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 10A» | F9387 4L       | 0.078  | LAA 11  | 98                | 0                 | 98                | 99                | 99                | 99                |
| B    | ATRAZINE DF    | 0.50   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| D»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 11A» | F9387 4L       | 0.078  | LAA 11  | 99                | 0                 | 94                | 99                | 99                | 99                |
| B    | ATRAZINE DF    | 0.50   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIBERTY 2.34L  | 0.40   | LAA 11  |                   |                   |                   |                   |                   |                   |
| D»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 12A» | ANTHEM ATZ 4.5 | 0.98   | LAA 9   | 99                | 0                 | 98                | 99                | 99                | 99                |
| B»   | F9387 4L       | 0.078  | LAA 11  |                   |                   |                   |                   |                   |                   |
| C    | ATRAZINE DF    | 0.50   | LAA 11  |                   |                   |                   |                   |                   |                   |
| D»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| E»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 13A  | CHECK          | 0.00   | NA 0    | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 14A» | ANTHEM 2.15SE  | 0.134  | LAA 9   | 98                | 0                 | 98                | 99                | 99                | 99                |
| B»   | F9387 4L       | 0.078  | LAA 11  |                   |                   |                   |                   |                   |                   |
| C    | ATRAZINE DF    | 0.50   | LAA 11  |                   |                   |                   |                   |                   |                   |
| D»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| E»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 15A» | RNDUP POWERMAX | 0.77   | LAA 11  | 94                | 0                 | 97                | 99                | 99                | 99                |
| B»   | STATUS 56DG    | 0.088  | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | ACTIVATOR 90   | 0.25   | PMV 11  |                   |                   |                   |                   |                   |                   |
| D»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 16A» | RNDUP POWERMAX | 0.77   | LAA 11  | 89                | 0                 | 97                | 99                | 99                | 99                |
| B»   | CAPRENO 3.45 S | 0.054  | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |

TITLE: F 9387-1 Tank-Mixes for Weed Control in RR/LL Corn. AS-200

|                    |      |      |      |      |       |      |
|--------------------|------|------|------|------|-------|------|
| LSD (0.05)         | 2.30 | 0.00 | 4.50 | 2.21 | 1.19  | 0.00 |
| STANDARD DEVIATION | 1.13 | 0.00 | 2.20 | 1.08 | 0.581 | 0.00 |

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**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  | TREATMENT      | DOSAGE |         | PHBPU             | XANST             | ZEAMD             | SETFA             | CHEAL             | AMATA             |
|------|----------------|--------|---------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| NUM  | COMPONENT      | RATE   | UNIT TM | CON %<br>06/20/13 | CON %<br>06/20/13 | CON %<br>07/05/13 | CON %<br>07/05/13 | CON %<br>07/05/13 | CON %<br>07/05/13 |
| 1A»  | RNDUP POWERMAX | 0.77   | LAA 11  | 83                | 97                | 0                 | 96                | 98                | 97                |
| B»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 2A»  | LIBERTY 2.34L  | 0.40   | LAA 11  | 94                | 96                | 0                 | 89                | 80                | 78                |
| B»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 3A»  | F9387 4L       | 0.078  | LAA 11  | 98                | 96                | 0                 | 96                | 99                | 96                |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 4A»  | F9387 4L       | 0.098  | LAA 11  | 98                | 97                | 0                 | 96                | 98                | 95                |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 5A»  | CADET 0.91EC   | 0.0053 | LAA 11  | 96                | 96                | 0                 | 91                | 96                | 95                |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 6A   | CALLISTO 4SC   | 0.094  | LAA 11  | 98                | 97                | 0                 | 92                | 99                | 98                |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 7A»  | F9387 4L       | 0.078  | LAA 11  | 98                | 97                | 0                 | 94                | 99                | 96                |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 8A»  | F9387 4L       | 0.098  | LAA 11  | 99                | 98                | 0                 | 89                | 98                | 96                |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 9A»  | CADET 0.91EC   | 0.0053 | LAA 11  | 97                | 96                | 0                 | 89                | 93                | 90                |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 10A» | F9387 4L       | 0.078  | LAA 11  | 98                | 98                | 0                 | 97                | 99                | 99                |
| B    | ATRAZINE DF    | 0.50   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| D»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 11A» | F9387 4L       | 0.078  | LAA 11  | 99                | 97                | 0                 | 95                | 99                | 99                |
| B    | ATRAZINE DF    | 0.50   | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIBERTY 2.34L  | 0.40   | LAA 11  |                   |                   |                   |                   |                   |                   |
| D»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 12A» | ANTHEM ATZ 4.5 | 0.98   | LAA 9   | 99                | 98                | 0                 | 98                | 99                | 99                |
| B»   | F9387 4L       | 0.078  | LAA 11  |                   |                   |                   |                   |                   |                   |
| C    | ATRAZINE DF    | 0.50   | LAA 11  |                   |                   |                   |                   |                   |                   |
| D»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| E»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 13A  | CHECK          | 0.00   | NA 0    | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 14A» | ANTHEM 2.15SE  | 0.134  | LAA 9   | 98                | 98                | 0                 | 98                | 99                | 99                |
| B»   | F9387 4L       | 0.078  | LAA 11  |                   |                   |                   |                   |                   |                   |
| C    | ATRAZINE DF    | 0.50   | LAA 11  |                   |                   |                   |                   |                   |                   |
| D»   | RNDUP POWERMAX | 0.77   | LAA 11  |                   |                   |                   |                   |                   |                   |
| E»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 15A» | RNDUP POWERMAX | 0.77   | LAA 11  | 98                | 97                | 0                 | 94                | 99                | 99                |
| B»   | STATUS 56DG    | 0.088  | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | ACTIVATOR 90   | 0.25   | PMV 11  |                   |                   |                   |                   |                   |                   |
| D»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |
| 16A» | RNDUP POWERMAX | 0.77   | LAA 11  | 96                | 97                | 0                 | 98                | 99                | 99                |
| B»   | CAPRENO 3.45 S | 0.054  | LAA 11  |                   |                   |                   |                   |                   |                   |
| C»   | LIQUID AMS     | 2.50   | PMV 11  |                   |                   |                   |                   |                   |                   |

TITLE: F 9387-1 Tank-Mixes for Weed Control in RR/LL Corn. AS-200

|                    |      |       |      |      |      |      |
|--------------------|------|-------|------|------|------|------|
| LSD (0.05)         | 3.63 | 1.78  | 0.00 | 6.00 | 4.74 | 6.90 |
| STANDARD DEVIATION | 1.78 | 0.874 | 0.00 | 2.95 | 2.32 | 3.38 |

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**TITLE:** F 9387-1 Tank-Mixes for Weed Control in RR/LL Corn. AS-200  
**CREATED:** 04/12/2013 **REVISED:** 08/14/2013 **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  | TREATMENT      | DOSAGE | ABUTH  | PHBPU    | XANST    |
|------|----------------|--------|--------|----------|----------|
| NUM  | COMPONENT      | RATE   | CON %  | CON %    | CON %    |
|      |                | UNIT   | TM     | 07/05/13 | 07/05/13 |
| 1A»  | RNDUP POWERMAX | 0.77   | LAA 11 | 95       | 78       |
| B»   | LIQUID AMS     | 2.50   | PMV 11 |          | 92       |
| 2A»  | LIBERTY 2.34L  | 0.40   | LAA 11 | 96       | 88       |
| B»   | LIQUID AMS     | 2.50   | PMV 11 |          | 88       |
| 3A»  | F9387 4L       | 0.078  | LAA 11 | 99       | 89       |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11 |          | 94       |
| C»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 4A»  | F9387 4L       | 0.098  | LAA 11 | 99       | 91       |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11 |          | 92       |
| C»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 5A»  | CADET 0.91EC   | 0.0053 | LAA 11 | 99       | 88       |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11 |          | 94       |
| C»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 6A   | CALLISTO 4SC   | 0.094  | LAA 11 | 99       | 95       |
| B»   | RNDUP POWERMAX | 0.77   | LAA 11 |          | 96       |
| C»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 7A»  | F9387 4L       | 0.078  | LAA 11 | 99       | 92       |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11 |          | 95       |
| C»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 8A»  | F9387 4L       | 0.098  | LAA 11 | 99       | 92       |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11 |          | 93       |
| C»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 9A»  | CADET 0.91EC   | 0.0053 | LAA 11 | 99       | 88       |
| B»   | LIBERTY 2.34L  | 0.40   | LAA 11 |          | 92       |
| C»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 10A» | F9387 4L       | 0.078  | LAA 11 | 99       | 94       |
| B    | ATRAZINE DF    | 0.50   | LAA 11 |          | 96       |
| C»   | RNDUP POWERMAX | 0.77   | LAA 11 |          |          |
| D»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 11A» | F9387 4L       | 0.078  | LAA 11 | 99       | 94       |
| B    | ATRAZINE DF    | 0.50   | LAA 11 |          | 96       |
| C»   | LIBERTY 2.34L  | 0.40   | LAA 11 |          |          |
| D»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 12A» | ANTHEM ATZ 4.5 | 0.98   | LAA 9  | 99       | 95       |
| B»   | F9387 4L       | 0.078  | LAA 11 |          | 94       |
| C    | ATRAZINE DF    | 0.50   | LAA 11 |          |          |
| D»   | RNDUP POWERMAX | 0.77   | LAA 11 |          |          |
| E»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 13A  | CHECK          | 0.00   | NA 0   | 0        | 0        |
| 14A» | ANTHEM 2.15SE  | 0.134  | LAA 9  | 99       | 97       |
| B»   | F9387 4L       | 0.078  | LAA 11 |          | 97       |
| C    | ATRAZINE DF    | 0.50   | LAA 11 |          |          |
| D»   | RNDUP POWERMAX | 0.77   | LAA 11 |          |          |
| E»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 15A» | RNDUP POWERMAX | 0.77   | LAA 11 | 99       | 95       |
| B»   | STATUS 56DG    | 0.088  | LAA 11 |          | 96       |
| C»   | ACTIVATOR 90   | 0.25   | PMV 11 |          |          |
| D»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |
| 16A» | RNDUP POWERMAX | 0.77   | LAA 11 | 99       | 91       |
| B»   | CAPRENO 3.45 S | 0.054  | LAA 11 |          | 93       |
| C»   | LIQUID AMS     | 2.50   | PMV 11 |          |          |

TITLE: F 9387-1 Tank-Mixes for Weed Control in RR/LL Corn. AS-200

LSD (0.05) 2.28 7.00 5.19  
STANDARD DEVIATION 1.12 3.42 2.54

&gt;&gt; = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/15/2013(1)

11 = ----- / EPOST 05/15/2013(1), 06/06/2013(2)

| 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 %    | 06/12/2013 | 01 | P   | ZEAMD  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 002 | SETFA    | CON %    | 06/12/2013 | 02 | P   | SETFA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 003 | CHEAL    | CON %    | 06/12/2013 | 03 | P   | CHEAL  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 004 | AMATA    | CON %    | 06/12/2013 | 04 | P   | AMATA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 005 | ABUTH    | CON %    | 06/12/2013 | 05 | P   | ABUTH  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 006 | PHBPU    | CON %    | 06/12/2013 | 06 | P   | PHBPU  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 007 | XANST    | CON %    | 06/12/2013 | 07 | P   | XANST  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 008 | ZEAMD    | CON %    | 06/20/2013 | 01 | P   | ZEAMD  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 009 | SETFA    | CON %    | 06/20/2013 | 02 | P   | SETFA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 010 | CHEAL    | CON %    | 06/20/2013 | 03 | P   | CHEAL  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 011 | AMATA    | CON %    | 06/20/2013 | 04 | P   | AMATA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 012 | ABUTH    | CON %    | 06/20/2013 | 05 | P   | ABUTH  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 013 | PHBPU    | CON %    | 06/20/2013 | 06 | P   | PHBPU  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 014 | XANST    | CON %    | 06/20/2013 | 07 | P   | XANST  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 015 | ZEAMD    | CON %    | 07/05/2013 | 01 | P   | ZEAMD  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 016 | SETFA    | CON %    | 07/05/2013 | 02 | P   | SETFA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 017 | CHEAL    | CON %    | 07/05/2013 | 03 | P   | CHEAL  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 018 | AMATA    | CON %    | 07/05/2013 | 04 | P   | AMATA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 019 | ABUTH    | CON %    | 07/05/2013 | 05 | P   | ABUTH  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 020 | PHBPU    | CON %    | 07/05/2013 | 06 | P   | PHBPU  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 021 | XANST    | CON %    | 07/05/2013 | 07 | P   | XANST  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |

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

01 = NK-74R RR/LL