

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.6  
 %OM: 4.7  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET  
 PLOT AREA: 225 FEET

DESIGN: RCB  
 REPS: 3

| APPL. NUMBER        | 01                     | 02                     | UNIT |
|---------------------|------------------------|------------------------|------|
| TIMINGS             | 09                     | 11                     |      |
| TYPE                | LIQUID MI              | LIQUID MI              |      |
| APPLICATION DATE    | 05/22/15               | 06/17/15               | AME  |
| AIR TEMPERATURE     | 75                     | 82                     | F    |
| % REL.HUMIDITY      | 45                     | 77                     |      |
| WIND DIRECTION      | NORTHEAST              | SOUTHWEST              |      |
| WIND SPEED          | 3.0                    | 6.0                    | M/H  |
| CLOUD COVER         | CLEAR-0%               | CLOUDY--6              |      |
| DEW                 | NO                     | YES                    |      |
| SOIL MOISTURE       | DRY/MOIST              | MOIST/MOI              |      |
| SOIL CONDITION      | TO BE SEL              | TO BE SEL              |      |
| 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        | 15.00                  | 15.00                  |      |
| 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      | 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<br>MIN / MAX | DEN / STG<br>MIN / MAX |      |
| PEST *              |                        |                        |      |
| P, VELVETLEAF       |                        | ---/12<br>1.00/2.00    | IN   |
| P, WATERHEMP, COMMO |                        | ---/16<br>1.00/3.00    | IN   |
| P, LAMBSQUARTERS, C |                        | ---/14<br>1.00/1.00    | IN   |
| P, MORNINGGLORY, TA |                        | ---/12<br>1.00/2.00    | IN   |
| P, FOXTAIL, GIANT   |                        | ---/13<br>1.00/4.00    | IN   |

\* TIMING CODES

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

\* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 13 = 3 LEAVES UNFOLDED  
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** DuPont Weed Control in RR2 Extend Soybean. AS-100  
**CREATED:** 04/26/2015 **REVISED:** 07/30/2015 **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<br>NUM | TREATMENT<br>COMPONENT | DOSAGE             |      |    | SETFA             | CHEAL             | AMATA             | ABUTH             | PHBPU             | SETFA             |
|------------|------------------------|--------------------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|            |                        | RATE               | UNIT | TM | CON %<br>06/17/15 | CON %<br>06/17/15 | CON %<br>06/17/15 | CON %<br>06/17/15 | CON %<br>06/17/15 | CON %<br>06/29/15 |
| 1A»        | ENLITE 47.86WG         | 3.50               | OMA  | 0  | 65                | 99                | 99                | 81                | 77                | 98                |
|            | B VALOR 51WG           | 0.079              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | C CLASSIC 25WG         | 0.006              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | D»HARMONY GT 50W       | 0.019              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | E»RNDUP POWERMAX       | 0.77               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | F»DICAMBA 4SL          | 0.25               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 2A»        | ENLITE 47.86WG         | 3.50               | OMA  | 0  | 68                | 99                | 99                | 77                | 77                | 99                |
|            | B VALOR 51WG           | 0.079              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | C CLASSIC 25WG         | 0.006              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | D»HARMONY GT 50W       | 0.019              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | E»RNDUP POWERMAX       | 0.77               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | F CINCH                | 0.96               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | G»DICAMBA 4SL          | 0.25               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 3A»        | ENLITE 47.86WG         | 3.50               | OMA  | 0  | 72                | 99                | 99                | 88                | 78                | 99                |
|            | B VALOR 51WG           | 0.079              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | C CLASSIC 25WG         | 0.006              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | D»HARMONY GT 50W       | 0.019              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | E»RNDUP POWERMAX       | 0.77               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | F CINCH                | 0.96               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | G COBRA 2EC            | 0.156              | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 4A»        | ENVIVE 41.3SG          | 2.50               | OMA  | 0  | 73                | 96                | 97                | 88                | 75                | 99                |
|            | B VALOR 51WG           | 0.046              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | C CLASSIC 25WG         | 0.014              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | D»HARMONY GT 50W       | 0.004              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | E»RNDUP POWERMAX       | 0.77               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | F»DICAMBA 4SL          | 0.25               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 5A»        | ENVIVE 41.3SG          | 2.50               | OMA  | 0  | 62                | 89                | 86                | 87                | 77                | 99                |
|            | B VALOR 51WG           | 0.046              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | C CLASSIC 25WG         | 0.014              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | D»HARMONY GT 50W       | 0.004              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | E»RNDUP POWERMAX       | 0.77               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | F CINCH                | 0.96               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | G»DICAMBA 4SL          | 0.25               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 6A»        | ENVIVE 41.3SG          | 2.50               | OMA  | 0  | 67                | 99                | 96                | 93                | 77                | 99                |
|            | B VALOR 51WG           | 0.046              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | C CLASSIC 25WG         | 0.014              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | D»HARMONY GT 50W       | 0.004              | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | E»RNDUP POWERMAX       | 0.77               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | F CINCH                | 0.96               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | G COBRA 2EC            | 0.156              | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 7A         | CHECK                  | 0.00               | NA   | 0  | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 8A»        | AUTHORITY MTZ          | 0.39               | LAA  | 9  | 60                | 99                | 99                | 86                | 81                | 99                |
|            | B»RNDUP POWERMAX       | 0.77               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | C»MARVEL SC 3L         | 0.17               | LAA  | 11 |                   |                   |                   |                   |                   |                   |
|            | D»LIQUID AMS           | 2.50               | PMV  | 11 |                   |                   |                   |                   |                   |                   |
|            |                        | LSD (0.05)         |      |    | 15.83             | 10.41             | 13.64             | 9.66              | 8.53              | 0.358             |
|            |                        | STANDARD DEVIATION |      |    | 7.38              | 4.85              | 6.36              | 4.50              | 4.00              | 0.167             |

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**CREATED:** 04/26/2015 **REVISED:** 07/30/2015 **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<br>NUM         | TREATMENT<br>COMPONENT | DOSAGE |      |    | CHEAL             | AMATA             | ABUTH             | PHBPU             | SETFA             | CHEAL             |
|--------------------|------------------------|--------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                    |                        | RATE   | UNIT | TM | CON %<br>06/29/15 | CON %<br>06/29/15 | CON %<br>06/29/15 | CON %<br>06/29/15 | CON %<br>07/11/15 | CON %<br>07/11/15 |
| 1A»                | ENLITE 47.86WG         | 3.50   | OMA  | 0  | 99                | 99                | 99                | 99                | 83                | 99                |
| B                  | VALOR 51WG             | 0.079  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.006  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.019  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F»                 | DICAMBA 4SL            | 0.25   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 2A»                | ENLITE 47.86WG         | 3.50   | OMA  | 0  | 99                | 99                | 99                | 99                | 96                | 99                |
| B                  | VALOR 51WG             | 0.079  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.006  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.019  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F                  | CINCH                  | 0.96   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| G»                 | DICAMBA 4SL            | 0.25   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 3A»                | ENLITE 47.86WG         | 3.50   | OMA  | 0  | 99                | 99                | 99                | 99                | 99                | 99                |
| B                  | VALOR 51WG             | 0.079  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.006  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.019  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F                  | CINCH                  | 0.96   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| G                  | COBRA 2EC              | 0.156  | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 4A»                | ENVIVE 41.3SG          | 2.50   | OMA  | 0  | 99                | 99                | 99                | 98                | 97                | 99                |
| B                  | VALOR 51WG             | 0.046  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.014  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.004  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F»                 | DICAMBA 4SL            | 0.25   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 5A»                | ENVIVE 41.3SG          | 2.50   | OMA  | 0  | 99                | 99                | 99                | 99                | 98                | 99                |
| B                  | VALOR 51WG             | 0.046  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.014  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.004  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F                  | CINCH                  | 0.96   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| G»                 | DICAMBA 4SL            | 0.25   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 6A»                | ENVIVE 41.3SG          | 2.50   | OMA  | 0  | 99                | 99                | 99                | 99                | 99                | 99                |
| B                  | VALOR 51WG             | 0.046  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.014  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.004  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F                  | CINCH                  | 0.96   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| G                  | COBRA 2EC              | 0.156  | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 7A                 | CHECK                  | 0.00   | NA   | 0  | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 8A»                | AUTHORITY MTZ          | 0.39   | LAA  | 9  | 99                | 99                | 99                | 99                | 95                | 99                |
| B»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| C»                 | MARVEL SC 3L           | 0.17   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| D»                 | LIQUID AMS             | 2.50   | PMV  | 11 |                   |                   |                   |                   |                   |                   |
| LSD (0.05)         |                        |        |      |    | 0.00              | 0.00              | 0.00              | 0.844             | 3.14              | 0.00              |
| STANDARD DEVIATION |                        |        |      |    | 0.00              | 0.00              | 0.00              | 0.393             | 1.46              | 0.00              |

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**CREATED:** 04/26/2015 **REVISED:** 07/30/2015 **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<br>NUM         | TREATMENT<br>COMPONENT | DOSAGE |      |    | AMATA             | ABUTH             | PHBPU             | SETFA             | CHEAL             | AMATA             |
|--------------------|------------------------|--------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                    |                        | RATE   | UNIT | TM | CON %<br>07/11/15 | CON %<br>07/11/15 | CON %<br>07/11/15 | CON %<br>07/23/15 | CON %<br>07/23/15 | CON %<br>07/23/15 |
| 1A»                | ENLITE 47.86WG         | 3.50   | OMA  | 0  | 91                | 98                | 94                | 73                | 99                | 82                |
| B                  | VALOR 51WG             | 0.079  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.006  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.019  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F»                 | DICAMBA 4SL            | 0.25   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 2A»                | ENLITE 47.86WG         | 3.50   | OMA  | 0  | 99                | 98                | 98                | 89                | 99                | 92                |
| B                  | VALOR 51WG             | 0.079  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.006  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.019  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F                  | CINCH                  | 0.96   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| G»                 | DICAMBA 4SL            | 0.25   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 3A»                | ENLITE 47.86WG         | 3.50   | OMA  | 0  | 99                | 98                | 98                | 97                | 99                | 96                |
| B                  | VALOR 51WG             | 0.079  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.006  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.019  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F                  | CINCH                  | 0.96   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| G                  | COBRA 2EC              | 0.156  | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 4A»                | ENVIVE 41.3SG          | 2.50   | OMA  | 0  | 97                | 97                | 96                | 89                | 99                | 90                |
| B                  | VALOR 51WG             | 0.046  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.014  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.004  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F»                 | DICAMBA 4SL            | 0.25   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 5A»                | ENVIVE 41.3SG          | 2.50   | OMA  | 0  | 99                | 99                | 97                | 95                | 99                | 97                |
| B                  | VALOR 51WG             | 0.046  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.014  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.004  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F                  | CINCH                  | 0.96   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| G»                 | DICAMBA 4SL            | 0.25   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 6A»                | ENVIVE 41.3SG          | 2.50   | OMA  | 0  | 99                | 99                | 98                | 98                | 99                | 94                |
| B                  | VALOR 51WG             | 0.046  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| C                  | CLASSIC 25WG           | 0.014  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| D»                 | HARMONY GT 50W         | 0.004  | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| E»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| F                  | CINCH                  | 0.96   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| G                  | COBRA 2EC              | 0.156  | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| 7A                 | CHECK                  | 0.00   | NA   | 0  | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 8A»                | AUTHORITY MTZ          | 0.39   | LAA  | 9  | 98                | 98                | 98                | 89                | 99                | 95                |
| B»                 | RNDUP POWERMAX         | 0.77   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| C»                 | MARVEL SC 3L           | 0.17   | LAA  | 11 |                   |                   |                   |                   |                   |                   |
| D»                 | LIQUID AMS             | 2.50   | PMV  | 11 |                   |                   |                   |                   |                   |                   |
| LSD (0.05)         |                        |        |      |    | 4.56              | 1.22              | 2.49              | 7.78              | 0.00              | 10.15             |
| STANDARD DEVIATION |                        |        |      |    | 2.13              | 0.567             | 1.16              | 3.63              | 0.00              | 4.73              |

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**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    |
|-----|------------------|--------------------|------|----|----------|----------|
| NUM | COMPONENT        | RATE               | UNIT | TM | CON %    | CON %    |
|     |                  |                    |      |    | 07/23/15 | 07/23/15 |
| 1A» | ENLITE 47.86WG   | 3.50               | OMA  | 0  | 87       | 80       |
|     | B VALOR 51WG     | 0.079              | LAA  | 9  |          |          |
|     | C CLASSIC 25WG   | 0.006              | LAA  | 9  |          |          |
|     | D»HARMONY GT 50W | 0.019              | LAA  | 9  |          |          |
|     | E»RNDUP POWERMAX | 0.77               | LAA  | 11 |          |          |
|     | F»DICAMBA 4SL    | 0.25               | LAA  | 11 |          |          |
| 2A» | ENLITE 47.86WG   | 3.50               | OMA  | 0  | 79       | 80       |
|     | B VALOR 51WG     | 0.079              | LAA  | 9  |          |          |
|     | C CLASSIC 25WG   | 0.006              | LAA  | 9  |          |          |
|     | D»HARMONY GT 50W | 0.019              | LAA  | 9  |          |          |
|     | E»RNDUP POWERMAX | 0.77               | LAA  | 11 |          |          |
|     | F CINCH          | 0.96               | LAA  | 11 |          |          |
|     | G»DICAMBA 4SL    | 0.25               | LAA  | 11 |          |          |
| 3A» | ENLITE 47.86WG   | 3.50               | OMA  | 0  | 95       | 91       |
|     | B VALOR 51WG     | 0.079              | LAA  | 9  |          |          |
|     | C CLASSIC 25WG   | 0.006              | LAA  | 9  |          |          |
|     | D»HARMONY GT 50W | 0.019              | LAA  | 9  |          |          |
|     | E»RNDUP POWERMAX | 0.77               | LAA  | 11 |          |          |
|     | F CINCH          | 0.96               | LAA  | 11 |          |          |
|     | G COBRA 2EC      | 0.156              | LAA  | 11 |          |          |
| 4A» | ENVIVE 41.3SG    | 2.50               | OMA  | 0  | 99       | 87       |
|     | B VALOR 51WG     | 0.046              | LAA  | 9  |          |          |
|     | C CLASSIC 25WG   | 0.014              | LAA  | 9  |          |          |
|     | D»HARMONY GT 50W | 0.004              | LAA  | 9  |          |          |
|     | E»RNDUP POWERMAX | 0.77               | LAA  | 11 |          |          |
|     | F»DICAMBA 4SL    | 0.25               | LAA  | 11 |          |          |
| 5A» | ENVIVE 41.3SG    | 2.50               | OMA  | 0  | 99       | 88       |
|     | B VALOR 51WG     | 0.046              | LAA  | 9  |          |          |
|     | C CLASSIC 25WG   | 0.014              | LAA  | 9  |          |          |
|     | D»HARMONY GT 50W | 0.004              | LAA  | 9  |          |          |
|     | E»RNDUP POWERMAX | 0.77               | LAA  | 11 |          |          |
|     | F CINCH          | 0.96               | LAA  | 11 |          |          |
|     | G»DICAMBA 4SL    | 0.25               | LAA  | 11 |          |          |
| 6A» | ENVIVE 41.3SG    | 2.50               | OMA  | 0  | 97       | 90       |
|     | B VALOR 51WG     | 0.046              | LAA  | 9  |          |          |
|     | C CLASSIC 25WG   | 0.014              | LAA  | 9  |          |          |
|     | D»HARMONY GT 50W | 0.004              | LAA  | 9  |          |          |
|     | E»RNDUP POWERMAX | 0.77               | LAA  | 11 |          |          |
|     | F CINCH          | 0.96               | LAA  | 11 |          |          |
|     | G COBRA 2EC      | 0.156              | LAA  | 11 |          |          |
| 7A  | CHECK            | 0.00               | NA   | 0  | 0        | 0        |
| 8A» | AUTHORITY MTZ    | 0.39               | LAA  | 9  | 98       | 88       |
|     | B»RNDUP POWERMAX | 0.77               | LAA  | 11 |          |          |
|     | C»MARVEL SC 3L   | 0.17               | LAA  | 11 |          |          |
|     | D»LIQUID AMS     | 2.50               | PMV  | 11 |          |          |
|     |                  | LSD (0.05)         |      |    | 11.00    | 7.63     |
|     |                  | STANDARD DEVIATION |      |    | 5.14     | 3.56     |

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = --- / UNTREATED TIMING  
 09 = --- / PREEMERGENCE 05/22/2015(1)  
 11 = --- / EPOST 06/17/2015(2)

| H#  | CUSTOM#1 | CUSTOM#2 | EV.DATE    | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS   | C.M | CTRT | SS | NOTE |
|-----|----------|----------|------------|----|-----|--------|-------|-----|-----|-----|-----|-----|---------|-----|------|----|------|
| 001 | SETFA    | CON %    | 06/17/2015 | 01 | P   | SETFA  | 13    | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |

TITLE: DuPont Weed Control in RR2 Extend Soybean. AS-100

| H#  | CUSTOM#1 | CUSTOM#2 | EV.DATE    | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS   | C.M | CTR1 | SS | NOTE |
|-----|----------|----------|------------|----|-----|--------|-------|-----|-----|-----|-----|-----|---------|-----|------|----|------|
| 002 | CHEAL    | CON %    | 06/17/2015 | 02 | P   | CHEAL  | 14    | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 003 | AMATA    | CON %    | 06/17/2015 | 03 | P   | AMATA  | 16    | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 004 | ABUTH    | CON %    | 06/17/2015 | 04 | P   | ABUTH  | 12    | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 005 | PHBPU    | CON %    | 06/17/2015 | 05 | P   | PHBPU  | 12    | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 006 | SETFA    | CON %    | 06/29/2015 | 01 | P   | SETFA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 007 | CHEAL    | CON %    | 06/29/2015 | 02 | P   | CHEAL  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 008 | AMATA    | CON %    | 06/29/2015 | 03 | P   | AMATA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 009 | ABUTH    | CON %    | 06/29/2015 | 04 | P   | ABUTH  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 010 | PHBPU    | CON %    | 06/29/2015 | 05 | P   | PHBPU  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 011 | SETFA    | CON %    | 07/11/2015 | 01 | P   | SETFA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 012 | CHEAL    | CON %    | 07/11/2015 | 02 | P   | CHEAL  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 013 | AMATA    | CON %    | 07/11/2015 | 03 | P   | AMATA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 014 | ABUTH    | CON %    | 07/11/2015 | 04 | P   | ABUTH  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 015 | PHBPU    | CON %    | 07/11/2015 | 05 | P   | PHBPU  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 016 | SETFA    | CON %    | 07/23/2015 | 01 | P   | SETFA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 017 | CHEAL    | CON %    | 07/23/2015 | 02 | P   | CHEAL  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 018 | AMATA    | CON %    | 07/23/2015 | 03 | P   | AMATA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 019 | ABUTH    | CON %    | 07/23/2015 | 04 | P   | ABUTH  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 020 | PHBPU    | CON %    | 07/23/2015 | 05 | P   | PHBPU  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |

## \* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
13 = 3 LEAVES UNFOLDED  
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED