APPLICATIONS

**SOIL INFORMATION**

**TEXTURE:** SIL
**PH:** 6.4
**%OM:** 4.6
**PREV.CROP:** ZEAMD - Dent corn
**%RESIDUE:** 0
**PLOT WIDTH:** 7.5 X 30 FEET
**PLOT AREA:** 225 FEET

**TRIAL INFORMATION**

**DESIGN:** RCB
**REPS:** 3

| APPL. NUMBER | 01 | UNIT |
|---|---|---|
| TIMINGS | 06 | |
| TYPE | LIQUID MI | |
| APPLICATION DATE | 05/15/19 | AME |
| TIME - BEGIN | 11:10 | 24H |
| TIME - END | 11:30 | 24H |
| AIR TEMPERATURE | 70 | F |
| % REL.HUMIDITY | 69 | |
| WIND DIRECTION | SOUTH | |
| WIND SPEED | 5.0 | M/H |
| CLOUD COVER | PAR.CLOUD | |
| DEW | NO | |
| SOIL MOISTURE | DRY/MOIST | |
| SOIL CONDITION | TO BE SEL | |
| SOIL TEMP/DEPTH | 62/4.00 | F/IN |
| METHOD | SPRAY | |
| EQUIPMENT | BACKPACK/ | |
| PROPELLANT | COMPRESSE | |
| PLACEMENT | BROADCAST | |
| NOZZLE | FLATFAN | |
| NOZZLE DESCRIPTION | | |
| NOZZLE VOLUME | 0.00 | GPM |
| NOZZLE NUMBER | 5 | |
| NOZZLE SPACING | 18.000 | IN |
| SCREEN SIZE | | |
| SCREEN SZ DESC | N/A | |
| SWATH WIDTH | 7.5 | FT |
| BOOM HEIGHT | 20.0 | IN |
| SPEED | 3.00 | M/H |
| MIX SIZE | 0.280 | |
| MIX SIZE UNIT | GAL | |
| SPRAY VOLUME | 15.00 | |
| SPRAY VOLUME UNIT | GPA | |
| PRESSURE | 30.00 | PSI |
| DILUENT | WATER | |
| INC. DATE | | AME |
| INC. START | | 24H |
| INC. END | | 24H |
| INC. DEPTH | | IN |
| INC. EQUIPMENT | 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 | |
| CROP * | | |
| P, Soybean | ---/00 | |
| AG36X6 | / | IN |
| (PLANTED) 05/21/2019 | -6 DAP | |
| PEST * | | |
| P, Waterhemp, commo | ---/10 | |
| | 0.25/0.50 | IN |
| P, Lambsquarters, c | ---/18 | |
| | 1.00/2.00 | IN |
| P, Mare's tail / Ho | ---/19 | |
| | 2.00/4.00 | IN |

*** CONTINUE

**APPLICATIONS**

| **SPECIE AND STAGE** | DEN / STG MIN / MAX | |
|---|---|---|
| **PEST *** | | |
| **P, Henbit deadnettl** | ---/19<br>4.00/12.0 | IN |
| **P, Tall morning glo** | ---/10<br>1.00/1.00 | IN |
| **P, Pennsylvania sma** | ---/15<br>1.00/3.00 | IN |
| **P, Giant foxtail** | ---/11<br>1.00/1.00 | IN |
| **P, Common chickweed** | ---/19<br>2.00/10.0 | IN |

*** TIMING CODES**
06 = --- / EPP 7 DBP

*** STAGE CODE**
00 = DRY SEED
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Winfield United Dimetric Charged with/without Strikelock in Burndown. N-100N
**CREATED:** 04/11/2019 **REVISED:** 10/28/2019 **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 RATE | UNIT | TM | ERICA CON % 05/22/19 | CHEAL CON % 05/22/19 | STEME CON % 05/22/19 | LAMAM CON % 05/22/19 | POLPY CON % 05/22/19 | GLXMA CON % 05/28/19 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 55 | 99 | 93 | 60 | 75 | 0 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| 3A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 77 | 99 | 96 | 83 | 96 | 0 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| 4A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 73 | 99 | 99 | 87 | 99 | 0 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| 5A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 91 | 99 | 98 | 82 | 99 | 0 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| 6A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 85 | 99 | 98 | 88 | 99 | 0 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 7A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 85 | 99 | 98 | 88 | 99 | 0 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 8A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 96 | 99 | 97 | 92 | 99 | 0 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 9A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | LSD (0.05) | | | | 12.2 | 0.0 | 3.1 | 10.0 | 12.6 | 0.0 |
| | STANDARD DEVIATION | | | | 5.8 | 0.0 | 1.5 | 4.7 | 5.9 | 0.0 |

**TITLE:** Winfield United Dimetric Charged with/without Strikelock in Burndown. N-100N
**CREATED:** 04/11/2019 **REVISED:** 10/28/2019 **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 RATE | UNIT | TM | ERICA CON % 05/28/19 | CHEAL CON % 05/28/19 | STEME CON % 05/28/19 | LAMAM CON % 05/28/19 | POLPY CON % 05/28/19 | SETFA CON % 05/28/19 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 70 | 99 | 99 | 95 | 98 | 95 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| 3A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 77 | 99 | 99 | 99 | 99 | 98 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| 4A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 85 | 99 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| 5A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 88 | 99 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| 6A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 88 | 99 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 7A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 94 | 99 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 8A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 9A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | LSD (0.05) | | | | 12.8 | 0.0 | 0.0 | 0.0 | 1.3 | 0.7 |
| | STANDARD DEVIATION | | | | 6.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.3 |

**DATA MEAN**

**TITLE:** Winfield United Dimetric Charged with/without Strikelock in Burndown. N-100N
**CREATED:** 04/11/2019 **REVISED:** 10/28/2019 **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 RATE | UNIT | TM | GLXMA CON % 06/05/19 | ERICA CON % 06/05/19 | CHEAL CON % 06/05/19 | STEME CON % 06/05/19 | LAMAM CON % 06/05/19 | POLPY CON % 06/05/19 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 0 | 77 | 99 | 99 | 98 | 98 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| 3A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 0 | 76 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| 4A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 0 | 91 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| 5A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 0 | 90 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| 6A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 0 | 94 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 7A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 0 | 93 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 8A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 0 | 99 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 9A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | LSD (0.05) | | | | 0.0 | 13.5 | 0.0 | 0.0 | 1.3 | 1.3 |
| | STANDARD DEVIATION | | | | 0.0 | 6.4 | 0.0 | 0.0 | 0.6 | 0.6 |

**TITLE:** Winfield United Dimetric Charged with/without Strikelock in Burndown. N-100N
**CREATED:** 04/11/2019 **REVISED:** 10/28/2019 **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 RATE | UNIT | TM | PHBPU CON % 06/05/19 | SETFA CON % 06/05/19 | GLXMA CON % 06/12/19 | ERICA CON % 06/12/19 | CHEAL CON % 06/12/19 | STEME CON % 06/12/19 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 87 | 85 | 0 | 72 | 98 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| 3A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 89 | 98 | 0 | 86 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| 4A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 92 | 98 | 0 | 95 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| 5A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 96 | 98 | 0 | 91 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| 6A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 92 | 99 | 0 | 96 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 7A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 92 | 98 | 0 | 95 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 8A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 94 | 99 | 0 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 9A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | LSD (0.05) | | | | 4.7 | 3.0 | 0.0 | 10.3 | 1.3 | 0.0 |
| | STANDARD DEVIATION | | | | 2.2 | 1.4 | 0.0 | 4.9 | 0.6 | 0.0 |

**TITLE:** Winfield United Dimetric Charged with/without Strikelock in Burndown. N-100N
**CREATED:** 04/11/2019 **REVISED:** 10/28/2019 **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 RATE | UNIT | TM | LAMAM CON % 06/12/19 | POLPY CON % 06/12/19 | PHBPU CON % 06/12/19 | SETFA CON % 06/12/19 | GLXMA CON % 06/19/19 | ERICA CON % 06/19/19 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 94 | 78 | 73 | 0 | 65 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| 3A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 82 | 95 | 0 | 85 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| 4A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 86 | 96 | 0 | 95 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| 5A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 91 | 97 | 0 | 91 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| 6A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 89 | 97 | 0 | 98 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 7A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 87 | 95 | 0 | 96 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 8A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 89 | 97 | 0 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 9A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | LSD (0.05) | | | | 0.0 | 4.7 | 10.3 | 5.0 | 0.0 | 7.5 |
| | STANDARD DEVIATION | | | | 0.0 | 2.2 | 4.9 | 2.4 | 0.0 | 3.6 |

**TITLE:** Winfield United Dimetric Charged with/without Strikelock in Burndown. N-100N
**CREATED:** 04/11/2019 **REVISED:** 10/28/2019 **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 RATE | UNIT | TM | CHEAL CON % 06/19/19 | STEME CON % 06/19/19 | LAMAM CON % 06/19/19 | POLPY CON % 06/19/19 | PHBPU CON % 06/19/19 | SETFA CON % 06/19/19 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 95 | 99 | 99 | 91 | 73 | 70 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| 3A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 99 | 99 | 78 | 93 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| 4A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 99 | 99 | 78 | 96 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| 5A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 99 | 99 | 82 | 93 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| 6A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 99 | 99 | 80 | 96 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 7A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 99 | 99 | 80 | 93 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 8A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 99 | 99 | 99 | 80 | 90 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 9A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | LSD (0.05) | | | | 2.6 | 0.0 | 0.0 | 8.0 | 9.3 | 6.4 |
| | STANDARD DEVIATION | | | | 1.2 | 0.0 | 0.0 | 3.8 | 4.4 | 3.0 |

**TITLE:** Winfield United Dimetric Charged with/without Strikelock in Burndown. N-100N
**CREATED:** 04/11/2019 **REVISED:** 10/28/2019 **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 RATE | UNIT | TM | AMATA CON % 06/19/19 | GLXMA CON % 06/25/19 | ERICA CON % 06/25/19 | CHEAL CON % 06/25/19 | STEME CON % 06/25/19 | LAMAM CON % 06/25/19 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 63 | 0 | 60 | 93 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| 3A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 96 | 0 | 83 | 98 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| 4A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 98 | 0 | 95 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| 5A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 98 | 0 | 91 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| 6A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 93 | 0 | 98 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 7A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 98 | 0 | 95 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 8A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 0 | 99 | 99 | 99 | 99 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | | | |
| 9A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | LSD (0.05) | | | | 4.7 | 0.0 | 9.0 | 2.2 | 0.0 | 0.0 |
| | STANDARD DEVIATION | | | | 2.2 | 0.0 | 4.2 | 1.0 | 0.0 | 0.0 |

**TITLE:** Winfield United Dimetric Charged with/without Strikelock in Burndown. N-100N
**CREATED:** 04/11/2019 **REVISED:** 10/28/2019 **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 RATE | UNIT | TM | POLPY CON % 06/25/19 | PHBPU CON % 06/25/19 | SETFA CON % 06/25/19 | AMATA CON % 06/25/19 |
|---|---|---|---|---|---|---|---|---|
| 1A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 |
| 2A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 88 | 70 | 63 | 63 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | |
| 3A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 75 | 83 | 95 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | |
| 4A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 73 | 92 | 96 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | |
| 5A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 78 | 90 | 96 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | |
| 6A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 75 | 96 | 87 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | |
| C | »DIMETRIC CHARG | 0.344 | LAA | 6 | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | |
| 7A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 78 | 88 | 93 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | |
| C | »DIMETRIC CHARG | 0.43 | LAA | 6 | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | |
| 8A | »RNDUP POWERMAX | 1.125 | LAA | 6 | 99 | 77 | 87 | 98 |
| B | »CLASS ACT NG | 2.50 | PMV | 6 | | | | |
| C | »DIMETRIC CHARG | 0.516 | LAA | 6 | | | | |
| D | »STRIKELOCK | 8.00 | ZMA | 6 | | | | |
| 9A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 |
| | LSD (0.05) | | | | 11.3 | 7.8 | 9.6 | 8.0 |
| | STANDARD DEVIATION | | | | 5.3 | 3.7 | 4.5 | 3.8 |

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
06 = --- / EPP 7 DBP 05/15/2019(1)

| H# | CUSTOM#1 | CUSTOM#2 | EV.DATE | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS | C.M | CTRT | SS | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 001 | ERICA | CON % | 05/22/2019 | 02 | P | ERICA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 002 | CHEAL | CON % | 05/22/2019 | 03 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 003 | STEME | CON % | 05/22/2019 | 04 | P | STEME | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 004 | LAMAM | CON % | 05/22/2019 | 05 | P | LAMAM | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 005 | POLPY | CON % | 05/22/2019 | 06 | P | POLPY | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 006 | GLXMA | CON % | 05/28/2019 | 01 | P | GLXMA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 007 | ERICA | CON % | 05/28/2019 | 02 | P | ERICA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 008 | CHEAL | CON % | 05/28/2019 | 03 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 009 | STEME | CON % | 05/28/2019 | 04 | P | STEME | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 010 | LAMAM | CON % | 05/28/2019 | 05 | P | LAMAM | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 011 | POLPY | CON % | 05/28/2019 | 06 | P | POLPY | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 012 | SETFA | CON % | 05/28/2019 | 07 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 013 | GLXMA | CON % | 06/05/2019 | 01 | P | GLXMA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 014 | ERICA | CON % | 06/05/2019 | 02 | P | ERICA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 015 | CHEAL | CON % | 06/05/2019 | 03 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 016 | STEME | CON % | 06/05/2019 | 04 | P | STEME | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 017 | LAMAM | CON % | 06/05/2019 | 05 | P | LAMAM | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 018 | POLPY | CON % | 06/05/2019 | 06 | P | POLPY | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 019 | PHBPU | CON % | 06/05/2019 | 08 | P | PHBPU | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |

DATA MEAN

**TITLE:** Winfield United Dimetric Charged with/without Strikelock in Burndown. N-100N

| H# | CUSTOM#1 | CUSTOM#2 | EV.DATE | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS | C.M | CTRT | SS | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 020 | SETFA | CON % | 06/05/2019 | 07 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 021 | GLXMA | CON % | 06/12/2019 | 01 | P | GLXMA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 022 | ERICA | CON % | 06/12/2019 | 02 | P | ERICA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 023 | CHEAL | CON % | 06/12/2019 | 03 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 024 | STEME | CON % | 06/12/2019 | 04 | P | STEME | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 025 | LAMAM | CON % | 06/12/2019 | 05 | P | LAMAM | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 026 | POLPY | CON % | 06/12/2019 | 06 | P | POLPY | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 027 | PHBPU | CON % | 06/12/2019 | 08 | P | PHBPU | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 028 | SETFA | CON % | 06/12/2019 | 07 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 029 | GLXMA | CON % | 06/19/2019 | 01 | P | GLXMA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 030 | ERICA | CON % | 06/19/2019 | 02 | P | ERICA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 031 | CHEAL | CON % | 06/19/2019 | 03 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 032 | STEME | CON % | 06/19/2019 | 04 | P | STEME | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 033 | LAMAM | CON % | 06/19/2019 | 05 | P | LAMAM | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 034 | POLPY | CON % | 06/19/2019 | 06 | P | POLPY | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 035 | PHBPU | CON % | 06/19/2019 | 08 | P | PHBPU | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 036 | SETFA | CON % | 06/19/2019 | 07 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 037 | AMATA | CON % | 06/19/2019 | 09 | P | AMATA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 038 | GLXMA | CON % | 06/25/2019 | 01 | P | GLXMA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 039 | ERICA | CON % | 06/25/2019 | 02 | P | ERICA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 040 | CHEAL | CON % | 06/25/2019 | 03 | P | CHEAL | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 041 | STEME | CON % | 06/25/2019 | 04 | P | STEME | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 042 | LAMAM | CON % | 06/25/2019 | 05 | P | LAMAM | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 043 | POLPY | CON % | 06/25/2019 | 06 | P | POLPY | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 044 | PHBPU | CON % | 06/25/2019 | 08 | P | PHBPU | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 045 | SETFA | CON % | 06/25/2019 | 07 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 046 | AMATA | CON % | 06/25/2019 | 09 | P | AMATA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = AG36X6