**APPLICATIONS**

**SOIL INFORMATION**

**TEXTURE:** N/A
**PH:** 6.5
**%OM:** 3.4
**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 | |
| TYPE | LIQUID MI | LIQUID MI | |
| APPLICATION DATE | 06/12/20 | 06/24/20 | AME |
| TIME - BEGIN | 08:40 | 11:15 | 24H |
| TIME - END | 08:50 | 11:30 | 24H |
| AIR TEMPERATURE | 79 | 75 | F |
| % REL.HUMIDITY | 47 | 50 | |
| WIND DIRECTION | NORTHEAST | NORTHWEST | |
| WIND SPEED | 3.0 | 4.0 | M/H |
| CLOUD COVER | CLEAR-0% | CLEAR-0% | |
| DEW | TO BE SEL | NO | |
| SOIL MOISTURE | DRY/MOIST | MOIST/MOI | |
| SOIL CONDITION | TO BE SEL | TO BE SEL | |
| SOIL TEMP/DEPTH | 68/4.00 | 72/4.00 | F/IN |
| METHOD | SPRAY | SPRAY | |
| EQUIPMENT | BACKPACK/ | BACKPACK/ | |
| PROPELLANT | COMPRESSE | COMPRESSE | |
| PLACEMENT | BROADCAST | BROADCAST | |
| NOZZLE | FLATFAN | FLATFAN | |
| NOZZLE DESCRIPTION | | | |
| NOZZLE VOLUME | 0.00 | 0.00 | GPM |
| NOZZLE NUMBER | 5 | 5 | |
| NOZZLE SPACING | 18.000 | 18.000 | IN |
| SCREEN SIZE | | | |
| SCREEN SZ DESC | N/A | N/A | |
| SWATH WIDTH | 7.5 | 7.5 | FT |
| BOOM HEIGHT | 20.0 | 20.0 | IN |
| SPEED | 3.00 | 3.00 | M/H |
| MIX SIZE | 0.330 | 0.330 | |
| MIX SIZE UNIT | GAL | GAL | |
| 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 | 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 | |
| CROP * | | | |
| P, Dent corn | | ---/13 | |
| NK1082-5222A-EZ1 | | 5.00/5.00 | IN |
| (PLANTED) 06/11/2020 | | 13 DAP | |
| PEST * | | | |
| P, Amaranth, Palmer | | ---/14<br>0.50/1.00 | IN |
| P, Tall morning glo | | ---/10<br>0.50/1.00 | IN |
| P, Giant foxtail | | ---/12<br>0.50/2.00 | IN |

*** CONTINUE

| **SPECIE AND STAGE** | DEN / STG MIN / MAX | DEN / STG MIN / MAX | |
|---|---|---|---|
| **PEST *** | | | |
| **P, Sida, prickly** | | ---/10 0.50/0.50 | IN |
| **P, Common cocklebur** | | ---/10 0.50/1.50 | IN |

*** TIMING CODES**
09 = --- / PREEMERGENCE
11 = --- / EPOST

*** STAGE CODE**
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
12 = 2 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Belchim BCP1016H, TOUGH 5EC and Shieldex for control of PPO and Glyphosate Resistant Common Waterhemp in Corn. G-400
**CREATED:** 04/27/2020 **REVISED:** 10/02/2020 **COMPLETED:** N
**PROJECT TYPE:** HERBICIDE
**LOCATION:** URBANA **RESEARCHED BY:**
**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 | ZEAMD CON % 07/01/20 | SETFA CON % 07/01/20 | XANST CON % 07/01/20 | AMAPA CON % 07/01/20 | PHBPU CON % 07/01/20 | SIDSP CON % 07/01/20 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1A | DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2A | DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 99 | 98 | 99 | 96 | 95 |
| B | RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| D | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 3A | DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 99 | 98 | 99 | 94 | 97 |
| B | RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| D | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 4A | DUAL II MAGNUM | 1.33 | PMA | 9 | 5 | 99 | 98 | 99 | 95 | 95 |
| B | RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| D | TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| E | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 5A | DUAL II MAGNUM | 1.33333 | PMA | 9 | 0 | 99 | 99 | 99 | 96 | 99 |
| B | RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 6A | DUAL II MAGNUM | 1.33 | PMA | 9 | 10 | 98 | 98 | 99 | 98 | 98 |
| B | RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| E | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 7A | DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 98 | 96 | 99 | 97 | 95 |
| B | RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | BCP1016H | 16.00 | ZMA | 11 | | | | | | |
| D | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 8A | DUAL II MAGNUM | 1.33 | PMA | 9 | 2 | 99 | 98 | 99 | 97 | 96 |
| B | RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| E | TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| F | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 9A | DUAL II MAGNUM | 1.33 | PMA | 9 | 12 | 98 | 99 | 99 | 95 | 95 |
| B | RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| D | BCP1016H | 16.00 | ZMA | 11 | | | | | | |
| E | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 10A | DUAL II MAGNUM | 1.33 | PMA | 9 | 18 | 99 | 99 | 99 | 99 | 95 |
| B | RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| D | SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| E | TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| F | LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| | LSD (0.05) | | | | 5.4 | 1.6 | 2.9 | 0.0 | 2.5 | 1.2 |
| | STANDARD DEVIATION | | | | 2.6 | 0.8 | 1.4 | 0.0 | 1.2 | 0.6 |

**TITLE:** Belchim BCP1016H, TOUGH 5EC and Shieldex for control of PPO and Glyphosate Resistant Common Waterhemp in Corn. G-400
**CREATED:** 04/27/2020 **REVISED:** 10/02/2020 **COMPLETED:** N
**PROJECT TYPE:** HERBICIDE
**LOCATION:** URBANA **RESEARCHED BY:**
**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 | ZEAMD CON % 07/08/20 | SETFA CON % 07/08/20 | XANST CON % 07/08/20 | AMAPA CON % 07/08/20 | PHBPU CON % 07/08/20 | SIDSP CON % 07/08/20 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 99 | 98 | 99 | 97 | 96 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 3A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 99 | 99 | 95 | 96 | 93 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 4A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 2 | 99 | 98 | 98 | 96 | 95 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| D | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| E | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 5A | »DUAL II MAGNUM | 1.33333 | PMA | 9 | 3 | 99 | 99 | 99 | 97 | 97 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 6A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 3 | 98 | 99 | 99 | 97 | 98 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| E | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 7A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 2 | 98 | 99 | 99 | 96 | 95 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »BCP1016H | 16.00 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 8A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 7 | 99 | 99 | 98 | 97 | 96 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| E | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| F | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 9A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 7 | 97 | 98 | 99 | 97 | 96 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| D | »BCP1016H | 16.00 | ZMA | 11 | | | | | | |
| E | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 10A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 1 | 98 | 99 | 99 | 97 | 95 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| D | »SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| E | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| F | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| | LSD (0.05) | | | | 3.7 | 2.0 | 0.8 | 0.9 | 2.4 | 2.6 |
| | STANDARD DEVIATION | | | | 1.8 | 1.0 | 0.4 | 0.4 | 1.2 | 1.2 |

**TITLE:** Belchim BCP1016H, TOUGH 5EC and Shieldex for control of PPO and Glyphosate Resistant Common Waterhemp in Corn. G-400
**CREATED:** 04/27/2020 **REVISED:** 10/02/2020 **COMPLETED:** N
**PROJECT TYPE:** HERBICIDE
**LOCATION:** URBANA **RESEARCHED BY:**
**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 | ZEAMD CON % 07/22/20 | SETFA CON % 07/22/20 | XANST CON % 07/22/20 | AMAPA CON % 07/22/20 | PHBPU CON % 07/22/20 | SIDSP CON % 07/22/20 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 95 | 96 | 99 | 95 | 92 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 3A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 96 | 95 | 96 | 93 | 92 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 4A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 95 | 97 | 99 | 95 | 93 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| D | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| E | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 5A | »DUAL II MAGNUM | 1.33333 | PMA | 9 | 0 | 98 | 99 | 99 | 96 | 95 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 6A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 90 | 99 | 98 | 95 | 93 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| E | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 7A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 88 | 98 | 99 | 95 | 93 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »BCP1016H | 16.00 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 8A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 95 | 98 | 96 | 96 | 93 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| E | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| F | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 9A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 96 | 99 | 99 | 96 | 95 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| D | »BCP1016H | 16.00 | ZMA | 11 | | | | | | |
| E | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 10A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 97 | 98 | 99 | 98 | 92 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| D | »SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| E | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| F | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| | LSD (0.05) | | | | 0.0 | 4.7 | 1.9 | 2.0 | 2.6 | 4.3 |
| | STANDARD DEVIATION | | | | 0.0 | 2.2 | 0.9 | 0.9 | 1.2 | 2.1 |

**TITLE:** Belchim BCP1016H, TOUGH 5EC and Shieldex for control of PPO and Glyphosate Resistant Common Waterhemp in Corn. G-400
**CREATED:** 04/27/2020 **REVISED:** 10/02/2020 **COMPLETED:** N
**PROJECT TYPE:** HERBICIDE
**LOCATION:** URBANA **RESEARCHED BY:**
**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 | ZEAMD CON % 08/05/20 | SETFA CON % 08/05/20 | XANST CON % 08/05/20 | AMAPA CON % 08/05/20 | PHBPU CON % 08/05/20 | SIDSP CON % 08/05/20 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 95 | 96 | 98 | 95 | 92 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 3A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 96 | 95 | 96 | 93 | 92 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 4A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 95 | 97 | 99 | 95 | 93 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| D | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| E | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 5A | »DUAL II MAGNUM | 1.33333 | PMA | 9 | 0 | 98 | 99 | 99 | 96 | 95 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 6A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 90 | 99 | 98 | 95 | 93 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| E | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 7A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 88 | 98 | 99 | 95 | 93 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »BCP1016H | 16.00 | ZMA | 11 | | | | | | |
| D | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 8A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 95 | 98 | 96 | 96 | 93 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | »CALLISTO 4SC | 3.00 | ZMA | 11 | | | | | | |
| D | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| E | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| F | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 9A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 96 | 99 | 99 | 96 | 95 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| D | »BCP1016H | 16.00 | ZMA | 11 | | | | | | |
| E | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| 10A | »DUAL II MAGNUM | 1.33 | PMA | 9 | 0 | 97 | 98 | 99 | 98 | 92 |
| B | »RNDUP POWERMAX | 32.00 | ZMA | 11 | | | | | | |
| C | AATREX 4L | 2.40 | PMA | 11 | | | | | | |
| D | »SHIELDEX 3.33S | 1.35 | ZMA | 11 | | | | | | |
| E | »TOUGH 5EC | 8.00 | ZMA | 11 | | | | | | |
| F | »LIQUID AMS | 2.50 | PMV | 11 | | | | | | |
| | LSD (0.05) | | | | 0.0 | 4.7 | 1.9 | 2.1 | 2.6 | 4.3 |
| | STANDARD DEVIATION | | | | 0.0 | 2.2 | 0.9 | 1.0 | 1.2 | 2.1 |

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
09 = --- / PREEMERGENCE 06/12/2020(1)
11 = --- / EPOST 06/24/2020(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 % | 07/01/2020 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |

**DATA MEAN**

**TITLE:** Belchim BCP1016H, TOUGH 5EC and Shieldex for control of PPO and Glyphosate Resistant Common Waterhemp in Corn. G-400

| H# | CUSTOM#1 | CUSTOM#2 | EV.DATE | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS | C.M | CTRT | SS | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 002 | SETFA | CON % | 07/01/2020 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 003 | XANST | CON % | 07/01/2020 | 03 | P | XANST | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 004 | AMAPA | CON % | 07/01/2020 | 04 | P | AMAPA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 005 | PHBPU | CON % | 07/01/2020 | 05 | P | PHBPU | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 006 | SIDSP | CON % | 07/01/2020 | 06 | P | SIDSP | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 007 | ZEAMD | CON % | 07/08/2020 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 008 | SETFA | CON % | 07/08/2020 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 009 | XANST | CON % | 07/08/2020 | 03 | P | XANST | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 010 | AMAPA | CON % | 07/08/2020 | 04 | P | AMAPA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 011 | PHBPU | CON % | 07/08/2020 | 05 | P | PHBPU | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 012 | SIDSP | CON % | 07/08/2020 | 06 | P | SIDSP | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 013 | ZEAMD | CON % | 07/22/2020 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 014 | SETFA | CON % | 07/22/2020 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 015 | XANST | CON % | 07/22/2020 | 03 | P | XANST | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 016 | AMAPA | CON % | 07/22/2020 | 04 | P | AMAPA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 017 | PHBPU | CON % | 07/22/2020 | 05 | P | PHBPU | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 018 | SIDSP | CON % | 07/22/2020 | 06 | P | SIDSP | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 019 | ZEAMD | CON % | 08/05/2020 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 020 | SETFA | CON % | 08/05/2020 | 02 | P | SETFA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 021 | XANST | CON % | 08/05/2020 | 03 | P | XANST | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 022 | AMAPA | CON % | 08/05/2020 | 04 | P | AMAPA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 023 | PHBPU | CON % | 08/05/2020 | 05 | P | PHBPU | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 024 | SIDSP | CON % | 08/05/2020 | 06 | P | SIDSP | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = NK1082-5222A-EZ1