

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 2.4
 PREV.CROP: NA - NONE
 %RESIDUE: 0
 PLOT WIDTH: 10 X 25 FEET

DESIGN: RCB
 REPS: 3

| APPL. NUMBER | 01 | UNIT |
|------------------|-----------|------|
| TIMINGS | 09 | |
| TYPE | LIQMXSPR | |
| APPLICATION DATE | 05/03/00 | AME |
| AIR TEMPERATURE | 78 | F |
| % REL.HUMIDITY | 80 | |
| WIND DIRECTION | EAST | |
| WIND SPEED | 8.0 | M/H |
| CLOUD COVER | OVERCAST | |
| DEW | NO | |
| SOIL MOISTURE | DRY/MOIST | |
| SOIL CONDITION | COMPACT | |
| METHOD | SPRAY | |
| EQUIPMENT | SPRBAC | |
| PROPELLANT | COMPRSCO2 | |
| PLACEMENT | BROADCAST | |
| NOZZLE | FLATFAN | |
| NOZZLE NUMBER | 6 | |
| NOZZLE SPACING | 20.000 | IN |
| SWATH WIDTH | 10.0 | FT |
| SPRAY VOLUME | 20.00 | |
| VOLUME UNIT | GPA | |
| PRESSURE | 32.00 | PSI |
| DILUENT | WATER | |
| INC. DATE | | AME |
| INC. START | | 24H |
| INC. END | | 24H |
| INC. DEPTH | | IN |
| INC. EQUIPMENT | --- | |
| | DN/SG/MMZ | |
| *** CROP *** | | |
| CORN, DENT | NA/01 | |
| PIONEER 3394 | / | IN |
| 05/01/2000 | | |
| *** PEST *** | | |
| WATERHEMP, COMMO | NA/00 | |
| | / | IN |
| PANICUM, FALL | NA/00 | |
| | / | IN |

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED; DORMANCY

01 = BEGINNING OF IMBIBITION

TITLE: ACBALPRE Preemergence Co WH Control with Balance in Corn ALTAMONT
CREATED: 05/01/2000 **REVISED:** 11/28/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Altamont **RESEARCHED BY:** UNIV. OF IL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 25.00 FT LONG **REPS:** 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | ZEAMD | AMATA | PANDI | ZEAMD | AMATA | ZEAMD |
|------------|------------------------|--------------------|------|----|----------|----------|----------|----------|----------|----------|
| | | RATE | UNIT | | 06/05/00 | 06/05/00 | 06/05/00 | 06/22/00 | 06/22/00 | 07/05/00 |
| 1A» | BALANCE 75WG | 0.024 | LAA | 9 | 0 | 58 | 63 | 0 | 10 | 0 |
| 2A» | BALANCE 75WG | 0.047 | LAA | 9 | 0 | 83 | 88 | 0 | 30 | 0 |
| 3A» | BALANCE 75WG | 0.07 | LAA | 9 | 0 | 89 | 93 | 0 | 73 | 0 |
| 4A» | BALANCE 75WG | 0.094 | LAA | 9 | 0 | 93 | 96 | 0 | 83 | 0 |
| 5A | CHECK | 0.00 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6A» | BALANCE 75WG | 0.024 | LAA | 9 | 0 | 99 | 99 | 0 | 90 | 0 |
| | B»DUAL II MAGNUM | 1.27 | LAA | 9 | | | | | | |
| 7A» | BALANCE 75WG | 0.047 | LAA | 9 | 0 | 99 | 99 | 0 | 96 | 0 |
| | B»DUAL II MAGNUM | 1.27 | LAA | 9 | | | | | | |
| 8A» | BALANCE 75WG | 0.07 | LAA | 9 | 0 | 99 | 99 | 0 | 93 | 0 |
| | B»DUAL II MAGNUM | 1.27 | LAA | 9 | | | | | | |
| 9A» | BALANCE 75WG | 0.094 | LAA | 9 | 0 | 99 | 99 | 0 | 98 | 0 |
| | B»DUAL II MAGNUM | 1.27 | LAA | 9 | | | | | | |
| 10A» | BALANCE 75WG | 0.024 | LAA | 9 | 0 | 99 | 99 | 0 | 93 | 0 |
| | B TOPNOTCH (3.2C) | 1.60 | LAA | 9 | | | | | | |
| 11A» | BALANCE 75WG | 0.047 | LAA | 9 | 0 | 99 | 99 | 0 | 93 | 0 |
| | B TOPNOTCH (3.2C) | 1.60 | LAA | 9 | | | | | | |
| 12A» | BALANCE 75WG | 0.07 | LAA | 9 | 0 | 99 | 99 | 0 | 95 | 0 |
| | B TOPNOTCH (3.2C) | 1.60 | LAA | 9 | | | | | | |
| 13A» | BALANCE 75WG | 0.094 | LAA | 9 | 0 | 91 | 96 | 0 | 83 | 0 |
| | B TOPNOTCH (3.2C) | 0.094 | LAA | 9 | | | | | | |
| 14A» | BALANCE 75WG | 0.047 | LAA | 9 | 0 | 99 | 96 | 0 | 83 | 0 |
| | B ATRAZINE DF | 1.50 | LAA | 9 | | | | | | |
| | | LSD (0.05) | | | 0.00 | 20.70 | 16.43 | 0.00 | 15.37 | 0.00 |
| | | STANDARD DEVIATION | | | 0.00 | 10.00 | 8.00 | 0.00 | 7.45 | 0.00 |

TITLE: ACBALPRE Preemergence Co WH Control with Balance in Corn ALTAMONT
 CREATED: 05/01/2000 REVISED: 11/28/2000 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Altamont RESEARCHED BY: UNIV. OF IL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 25.00 FT LONG REPS: 03

| TRT NUM | TREATMENT COMPONENT | DOSAGE | | TM | AMATA | PANDI |
|------------|------------------------|--------------------|------|----|----------|----------|
| | | RATE | UNIT | | 07/05/00 | 07/05/00 |
| 1A | BALANCE 75WG | 0.024 | LAA | 9 | 29 | 47 |
| 2A | BALANCE 75WG | 0.047 | LAA | 9 | 40 | 80 |
| 3A | BALANCE 75WG | 0.07 | LAA | 9 | 68 | 79 |
| 4A | BALANCE 75WG | 0.094 | LAA | 9 | 67 | 87 |
| 5A | CHECK | 0.00 | NA | 0 | 0 | 0 |
| 6A | BALANCE 75WG | 0.024 | LAA | 9 | 80 | 98 |
| | B»DUAL II MAGNUM | 1.27 | LAA | 9 | | |
| 7A | BALANCE 75WG | 0.047 | LAA | 9 | 90 | 98 |
| | B»DUAL II MAGNUM | 1.27 | LAA | 9 | | |
| 8A | BALANCE 75WG | 0.07 | LAA | 9 | 84 | 97 |
| | B»DUAL II MAGNUM | 1.27 | LAA | 9 | | |
| 9A | BALANCE 75WG | 0.094 | LAA | 9 | 89 | 99 |
| | B»DUAL II MAGNUM | 1.27 | LAA | 9 | | |
| 10A | BALANCE 75WG | 0.024 | LAA | 9 | 82 | 95 |
| | B TOPNOTCH (3.2C) | 1.60 | LAA | 9 | | |
| 11A | BALANCE 75WG | 0.047 | LAA | 9 | 89 | 99 |
| | B TOPNOTCH (3.2C) | 1.60 | LAA | 9 | | |
| 12A | BALANCE 75WG | 0.07 | LAA | 9 | 85 | 93 |
| | B TOPNOTCH (3.2C) | 1.60 | LAA | 9 | | |
| 13A | BALANCE 75WG | 0.094 | LAA | 9 | 75 | 86 |
| | B TOPNOTCH (3.2C) | 0.094 | LAA | 9 | | |
| 14A | BALANCE 75WG | 0.047 | LAA | 9 | 75 | 84 |
| | B ATRAZINE DF | 1.50 | LAA | 9 | | |
| | | LSD (0.05) | | | 31.89 | 21.92 |
| | | STANDARD DEVIATION | | | 15.45 | 10.62 |

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/03/2000(1)

| H# | CUSTOM#1 | CUSTOM#2 | EV. DATE | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS | C.M | CTRTR | SS | NOTE |
|-----|----------|----------|------------|----|-----|--------|-------|-----|-----|-----|-----|-----|---------|-----|-------|----|------|
| 001 | ZEAMD | | 06/05/2000 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 002 | AMATA | | 06/05/2000 | 02 | P | AMATA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 003 | PANDI | | 06/05/2000 | 03 | P | PANDI | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 004 | ZEAMD | | 06/22/2000 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 005 | AMATA | | 06/22/2000 | 02 | P | AMATA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 006 | ZEAMD | | 07/05/2000 | 01 | P | ZEAMD | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 007 | AMATA | | 07/05/2000 | 02 | P | AMATA | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |
| 008 | PANDI | | 07/05/2000 | 03 | P | PANDI | | RAW | ALL | CON | % | --- | 1.00 PL | NO | 0001 | 0 | N |

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 3394