

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.2  
 %OM: 6.0  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB  
 REPS: 3

| APPL. NUMBER     | 01        | 02        | UNIT |
|------------------|-----------|-----------|------|
| TIMINGS          | 09        | 12        |      |
| TYPE             | LIQMXSPR  | LIQMXSPR  |      |
| APPLICATION DATE | 05/01/01  | 06/13/01  | AME  |
| AIR TEMPERATURE  | 83        | 84        | F    |
| % REL.HUMIDITY   | 35        | 52        |      |
| WIND DIRECTION   | SOUTHWEST | SOUTHWEST |      |
| WIND SPEED       | 12.0      | 9.0       | M/H  |
| CLOUD COVER      | CLOUDY    | CLEAR     |      |
| DEW              | DRY       | DRY       |      |
| SOIL MOISTURE    | DRY/DRY   | MOIST/MOI |      |
| SOIL CONDITION   | FRIABLE   | FRIABLE   |      |
| METHOD           | SPRAY     | SPRAY     |      |
| EQUIPMENT        | BACKPACKS | BACKPACKS |      |
| PROPELLANT       | COMPRSCO2 | COMPRSCO2 |      |
| PLACEMENT        | BROADCAST | BROADCAST |      |
| NOZZLE           | FLATFAN   | FLATFAN   |      |
| NOZZLE NUMBER    | 5         | 5         |      |
| NOZZLE SPACING   | 18.000    | 18.000    | IN   |
| SWATH WIDTH      | 7.5       | 7.5       | FT   |
| SPRAY VOLUME     | 20.00     | 20.00     |      |
| 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   | ---       | ---       |      |
| DN/SG/MMZ        |           |           |      |
| *** CROP ***     |           |           |      |
| CORN, DENT       | NA/01     | NA/15     |      |
| PIONEER 33G26    | 0.00/0.00 | 14.0/14.0 | IN   |
| 04/28/2001       |           |           |      |
| *** PEST ***     |           |           |      |
| VELVETLEAF       | ---/01    | MED/14    |      |
|                  | 0.00/0.00 | 3.00/3.00 | IN   |
| RAGWEED, GIANT   | NA/01     | LOW/18    |      |
|                  | 0.00/0.00 | 8.00/8.00 | IN   |
| LAMBSQUARTERS, C | NA/01     | HGH/18    |      |
|                  | 0.00/0.00 | 3.00/3.00 | IN   |
| SMARTWEED, PENNS | NA/01     | HGH/15    |      |
|                  | 0.00/0.00 | 4.00/4.00 | IN   |
| FOXTAIL, GIANT   | NA/01     | HGH/15    |      |
|                  | 0.00/0.00 | 3.00/6.00 | IN   |

\* TIMING CODES

09 = ----- / PREEMERGENCE  
 12 = ----- / POST

\* STAGE CODE

01 = BEGINNING OF IMBIBITION  
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 15 = 5 LEAVES UNFOLDED  
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: AEF-360 sequential systems for weed control in corn SW-1600  
 CREATED: 04/19/2001 REVISED: 11/06/2001 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: Dekalb RESEARCHED BY: UNIV. OF ILL  
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG REPS: 03

| TRT | TREATMENT         | DOSAGE             |        | ZEAMD    | SETFA    | ABUTH    | CHEAL    | POLPY    | AMBTR    |
|-----|-------------------|--------------------|--------|----------|----------|----------|----------|----------|----------|
| NUM | COMPONENT         | RATE               | UNIT   | CON %    | CON %    | CON %    | CON %    | CON %    | CON %    |
|     |                   |                    | TM     | 06/13/01 | 06/13/01 | 06/13/01 | 06/13/01 | 06/13/01 | 06/13/01 |
| 1A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 0        | 30       | 63       | 35       | 7        |          |
| 2A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 0        | 57       | 87       | 80       | 68       |          |
|     | B ATRAZINE DF     | 1.00               | LAA 9  |          |          |          |          |          |          |
| 3A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 0        | 28       | 91       | 37       | 0        |          |
|     | B>>AEF 130360-1 7 | 0.066              | LAA 12 |          |          |          |          |          |          |
|     | C>>MSO            | 1.00               | PMV 12 |          |          |          |          |          |          |
|     | D 28% UAN         | 2.50               | PMV 12 |          |          |          |          |          |          |
| 4A  | CHECK             | 0.00               | NA 0   | 0        | 0        | 0        | 0        | 0        |          |
| 5A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 0        | 48       | 93       | 70       | 75       |          |
|     | B ATRAZINE DF     | 1.00               | LAA 9  |          |          |          |          |          |          |
|     | C>>AEF 130360-1 7 | 0.066              | LAA 12 |          |          |          |          |          |          |
|     | D>>MSO            | 1.00               | PMV 12 |          |          |          |          |          |          |
|     | E 28% UAN         | 2.50               | PMV 12 |          |          |          |          |          |          |
| 6A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 0        | 63       | 90       | 80       | 78       |          |
|     | B ATRAZINE DF     | 1.00               | LAA 9  |          |          |          |          |          |          |
|     | C>>AEF 130360-1 7 | 0.066              | LAA 12 |          |          |          |          |          |          |
|     | D>>LIQ ADJUV A    | 1.00               | PMV 12 |          |          |          |          |          |          |
| 7A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 0        | 30       | 78       | 73       | 70       |          |
|     | B ATRAZINE DF     | 1.00               | LAA 9  |          |          |          |          |          |          |
|     | C>>AEF 130360-2 6 | 0.067              | LAA 12 |          |          |          |          |          |          |
|     | D>>MSO            | 1.00               | PMV 12 |          |          |          |          |          |          |
|     | E 28% UAN         | 2.50               | PMV 12 |          |          |          |          |          |          |
| 8A  | DEFINE 60DF       | 0.45               | LAA 9  | 0        | 58       | 0        | 0        | 0        |          |
|     | B>>AEF 130360-1 7 | 0.066              | LAA 12 |          |          |          |          |          |          |
|     | C>>MSO            | 1.00               | PMV 12 |          |          |          |          |          |          |
|     | D 28% UAN         | 2.50               | PMV 12 |          |          |          |          |          |          |
| 9A  | DEFINE 60DF       | 0.45               | LAA 9  | 0        | 70       | 0        | 0        | 0        |          |
|     | B>>AEF 130360-2 6 | 0.067              | LAA 12 |          |          |          |          |          |          |
|     | C>>MSO            | 1.00               | PMV 12 |          |          |          |          |          |          |
|     | D 28% UAN         | 2.50               | PMV 12 |          |          |          |          |          |          |
| 10A | LEADOFF 5SE       | 0.94               | LAA 9  | 0        | 58       | 48       | 28       | 70       |          |
|     | B>>BASIS GOLD 90D | 0.78               | LAA 12 |          |          |          |          |          |          |
|     | C>>COC            | 1.00               | PMV 12 |          |          |          |          |          |          |
|     | D 28% UAN         | 2.50               | PMV 12 |          |          |          |          |          |          |
| 11A | DUAL II MAGNUM    | 1.27               | LAA 9  | 0        | 58       | 0        | 0        | 0        |          |
|     | B>>CALLISTO 4SC   | 0.094              | LAA 12 |          |          |          |          |          |          |
|     | C ATRAZINE DF     | 0.25               | LAA 12 |          |          |          |          |          |          |
|     | D>>COC            | 1.00               | PMV 12 |          |          |          |          |          |          |
|     | E 28% UAN         | 2.50               | PMV 12 |          |          |          |          |          |          |
| 12A | OUTLOOK 6EC       | 0.94               | LAA 9  | 0        | 88       | 0        | 0        | 0        |          |
|     | B>>DISTINCT 70WG  | 0.175              | LAA 12 |          |          |          |          |          |          |
|     | C>>ACTIVATOR 90   | 0.25               | PMV 12 |          |          |          |          |          |          |
|     | D>>LIQUID AMS     | 2.50               | PMV 12 |          |          |          |          |          |          |
|     |                   | LSD (0.05)         |        | 0.00     | 12.10    | 10.86    | 9.88     | 10.15    | 0.00     |
|     |                   | STANDARD DEVIATION |        | 0.00     | 5.83     | 5.23     | 4.76     | 4.89     | 0.00     |

## DATA MEAN

**TITLE:** AEF-360 sequential systems for weed control in corn SW-1600  
**CREATED:** 04/19/2001 **REVISED:** 11/06/2001 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Dekalb **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

| TRT<br>NUM | TREATMENT<br>COMPONENT | DOSAGE             |      |    | ZEAMD<br>CON %<br>06/21/01 | ZEAMD<br>CON %<br>06/28/01 | SETFA<br>CON %<br>06/28/01 | POLPY<br>CON %<br>06/28/01 | CHEAL<br>CON %<br>06/28/01 | AMBTR<br>CON %<br>06/28/01 |
|------------|------------------------|--------------------|------|----|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|            |                        | RATE               | UNIT | TM |                            |                            |                            |                            |                            |                            |
| 1A         | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 0                          | 0                          | 17                         | 22                         | 42                         | 17                         |
| 2A         | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 0                          | 0                          | 35                         | 40                         | 43                         | 47                         |
|            | B ATRAZINE DF          | 1.00               | LAA  | 9  |                            |                            |                            |                            |                            |                            |
| 3A         | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 0                          | 2                          | 96                         | 87                         | 97                         | 87                         |
|            | B>>AEF 130360-1 7      | 0.066              | LAA  | 12 |                            |                            |                            |                            |                            |                            |
|            | C>>MSO                 | 1.00               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
|            | D 28% UAN              | 2.50               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
| 4A         | CHECK                  | 0.00               | NA   | 0  | 0                          | 0                          | 0                          | 0                          | 0                          | 0                          |
| 5A         | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 0                          | 0                          | 94                         | 82                         | 85                         | 85                         |
|            | B ATRAZINE DF          | 1.00               | LAA  | 9  |                            |                            |                            |                            |                            |                            |
|            | C>>AEF 130360-1 7      | 0.066              | LAA  | 12 |                            |                            |                            |                            |                            |                            |
|            | D>>MSO                 | 1.00               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
|            | E 28% UAN              | 2.50               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
| 6A         | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 0                          | 0                          | 80                         | 60                         | 73                         | 73                         |
|            | B ATRAZINE DF          | 1.00               | LAA  | 9  |                            |                            |                            |                            |                            |                            |
|            | C>>AEF 130360-1 7      | 0.066              | LAA  | 12 |                            |                            |                            |                            |                            |                            |
|            | D>>LIQ ADJUV A         | 1.00               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
| 7A         | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 0                          | 0                          | 93                         | 87                         | 90                         | 90                         |
|            | B ATRAZINE DF          | 1.00               | LAA  | 9  |                            |                            |                            |                            |                            |                            |
|            | C>>AEF 130360-2 6      | 0.067              | LAA  | 12 |                            |                            |                            |                            |                            |                            |
|            | D>>MSO                 | 1.00               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
|            | E 28% UAN              | 2.50               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
| 8A         | DEFINE 60DF            | 0.45               | LAA  | 9  | 0                          | 0                          | 88                         | 53                         | 55                         | 53                         |
|            | B>>AEF 130360-1 7      | 0.066              | LAA  | 12 |                            |                            |                            |                            |                            |                            |
|            | C>>MSO                 | 1.00               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
|            | D 28% UAN              | 2.50               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
| 9A         | DEFINE 60DF            | 0.45               | LAA  | 9  | 0                          | 2                          | 93                         | 83                         | 80                         | 85                         |
|            | B>>AEF 130360-2 6      | 0.067              | LAA  | 12 |                            |                            |                            |                            |                            |                            |
|            | C>>MSO                 | 1.00               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
|            | D 28% UAN              | 2.50               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
| 10A        | LEADOFF 5SE            | 0.94               | LAA  | 9  | 10                         | 0                          | 91                         | 88                         | 98                         | 92                         |
|            | B>>BASIS GOLD 90D      | 0.78               | LAA  | 12 |                            |                            |                            |                            |                            |                            |
|            | C>>COC                 | 1.00               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
|            | D 28% UAN              | 2.50               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
| 11A        | DUAL II MAGNUM         | 1.27               | LAA  | 9  | 0                          | 0                          | 12                         | 98                         | 97                         | 96                         |
|            | B>>CALLISTO 4SC        | 0.094              | LAA  | 12 |                            |                            |                            |                            |                            |                            |
|            | C ATRAZINE DF          | 0.25               | LAA  | 12 |                            |                            |                            |                            |                            |                            |
|            | D>>COC                 | 1.00               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
|            | E 28% UAN              | 2.50               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
| 12A        | OUTLOOK 6EC            | 0.94               | LAA  | 9  | 0                          | 2                          | 78                         | 95                         | 96                         | 89                         |
|            | B>>DISTINCT 70WG       | 0.175              | LAA  | 12 |                            |                            |                            |                            |                            |                            |
|            | C>>ACTIVATOR 90        | 0.25               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
|            | D>>LIQUID AMS          | 2.50               | PMV  | 12 |                            |                            |                            |                            |                            |                            |
|            |                        | LSD (0.05)         |      |    | 2.08                       | 2.44                       | 17.68                      | 19.80                      | 9.00                       | 15.24                      |
|            |                        | STANDARD DEVIATION |      |    | 1.00                       | 1.18                       | 8.47                       | 9.49                       | 4.31                       | 7.31                       |

## DATA MEAN

**TITLE:** AEF-360 sequential systems for weed control in corn SW-1600  
**CREATED:** 04/19/2001 **REVISED:** 11/06/2001 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Dekalb **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

| TRT<br>NUM | TREATMENT<br>COMPONENT | DOSAGE             |      |    | ABUTH             | ZEAMD             | SETFA             | ABUTH             | CHEAL             | POLPY             |
|------------|------------------------|--------------------|------|----|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|            |                        | RATE               | UNIT | TM | CON %<br>06/28/01 | CON %<br>07/11/01 | CON %<br>07/11/01 | CON %<br>07/11/01 | CON %<br>07/11/01 | CON %<br>07/11/01 |
| 1A»        | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 63                | 0                 | 23                | 85                | 47                | 23                |
| 2A»        | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 72                | 0                 | 43                | 80                | 50                | 47                |
|            | B ATRAZINE DF          | 1.00               | LAA  | 9  |                   |                   |                   |                   |                   |                   |
| 3A»        | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 91                | 0                 | 96                | 98                | 79                | 62                |
|            | B»AEF 130360-1 7       | 0.066              | LAA  | 12 |                   |                   |                   |                   |                   |                   |
|            | C»MSO                  | 1.00               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
|            | D 28% UAN              | 2.50               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
| 4A         | CHECK                  | 0.00               | NA   | 0  | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 5A»        | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 85                | 0                 | 95                | 96                | 83                | 77                |
|            | B ATRAZINE DF          | 1.00               | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | C»AEF 130360-1 7       | 0.066              | LAA  | 12 |                   |                   |                   |                   |                   |                   |
|            | D»MSO                  | 1.00               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
|            | E 28% UAN              | 2.50               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
| 6A»        | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 80                | 0                 | 78                | 90                | 73                | 70                |
|            | B ATRAZINE DF          | 1.00               | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | C»AEF 130360-1 7       | 0.066              | LAA  | 12 |                   |                   |                   |                   |                   |                   |
|            | D»LIQ ADJUV A          | 1.00               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
| 7A»        | BALANCE PRO 4S         | 0.063              | LAA  | 9  | 93                | 0                 | 95                | 96                | 88                | 90                |
|            | B ATRAZINE DF          | 1.00               | LAA  | 9  |                   |                   |                   |                   |                   |                   |
|            | C»AEF 130360-2 6       | 0.067              | LAA  | 12 |                   |                   |                   |                   |                   |                   |
|            | D»MSO                  | 1.00               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
|            | E 28% UAN              | 2.50               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
| 8A»        | DEFINE 60DF            | 0.45               | LAA  | 9  | 57                | 0                 | 94                | 95                | 63                | 58                |
|            | B»AEF 130360-1 7       | 0.066              | LAA  | 12 |                   |                   |                   |                   |                   |                   |
|            | C»MSO                  | 1.00               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
|            | D 28% UAN              | 2.50               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
| 9A»        | DEFINE 60DF            | 0.45               | LAA  | 9  | 91                | 0                 | 96                | 99                | 72                | 68                |
|            | B»AEF 130360-2 6       | 0.067              | LAA  | 12 |                   |                   |                   |                   |                   |                   |
|            | C»MSO                  | 1.00               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
|            | D 28% UAN              | 2.50               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
| 10A»       | LEADOFF 5SE            | 0.94               | LAA  | 9  | 95                | 0                 | 88                | 90                | 90                | 88                |
|            | B»BASIS GOLD 90D       | 0.78               | LAA  | 12 |                   |                   |                   |                   |                   |                   |
|            | C»COC                  | 1.00               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
|            | D 28% UAN              | 2.50               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
| 11A»       | DUAL II MAGNUM         | 1.27               | LAA  | 9  | 98                | 0                 | 55                | 98                | 99                | 96                |
|            | B»CALLISTO 4SC         | 0.094              | LAA  | 12 |                   |                   |                   |                   |                   |                   |
|            | C ATRAZINE DF          | 0.25               | LAA  | 12 |                   |                   |                   |                   |                   |                   |
|            | D»COC                  | 1.00               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
|            | E 28% UAN              | 2.50               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
| 12A»       | OUTLOOK 6EC            | 0.94               | LAA  | 9  | 91                | 0                 | 73                | 92                | 91                | 96                |
|            | B»DISTINCT 70WG        | 0.175              | LAA  | 12 |                   |                   |                   |                   |                   |                   |
|            | C»ACTIVATOR 90         | 0.25               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
|            | D»LIQUID AMS           | 2.50               | PMV  | 12 |                   |                   |                   |                   |                   |                   |
|            |                        | LSD (0.05)         |      |    | 11.65             | 0.00              | 12.19             | 11.08             | 11.68             | 17.33             |
|            |                        | STANDARD DEVIATION |      |    | 5.58              | 0.00              | 5.84              | 5.31              | 5.60              | 8.31              |

DATA MEAN

TITLE: AEF-360 sequential systems for weed control in corn SW-1600  
 CREATED: 04/19/2001 REVISED: 11/06/2001 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: Dekalb RESEARCHED BY: UNIV. OF ILL  
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG REPS: 03

| TRT | TREATMENT         | DOSAGE             |        | AMBTR    | YIELD    |
|-----|-------------------|--------------------|--------|----------|----------|
| NUM | COMPONENT         | RATE               | UNIT   | CON %    | BU/A     |
|     |                   |                    | TM     | 07/11/01 | 10/28/01 |
| 1A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 23       | 87.6     |
| 2A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 50       | 132.3    |
|     | B ATRAZINE DF     | 1.00               | LAA 9  |          |          |
| 3A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 80       | 147.0    |
|     | B>>AEF 130360-1 7 | 0.066              | LAA 12 |          |          |
|     | C>>MSO            | 1.00               | PMV 12 |          |          |
|     | D 28% UAN         | 2.50               | PMV 12 |          |          |
| 4A  | CHECK             | 0.00               | NA 0   | 0        | 5.2      |
| 5A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 93       | 143.8    |
|     | B ATRAZINE DF     | 1.00               | LAA 9  |          |          |
|     | C>>AEF 130360-1 7 | 0.066              | LAA 12 |          |          |
|     | D>>MSO            | 1.00               | PMV 12 |          |          |
|     | E 28% UAN         | 2.50               | PMV 12 |          |          |
| 6A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 83       | 143.0    |
|     | B ATRAZINE DF     | 1.00               | LAA 9  |          |          |
|     | C>>AEF 130360-1 7 | 0.066              | LAA 12 |          |          |
|     | D>>LIQ ADJUV A    | 1.00               | PMV 12 |          |          |
| 7A  | BALANCE PRO 4S    | 0.063              | LAA 9  | 98       | 156.4    |
|     | B ATRAZINE DF     | 1.00               | LAA 9  |          |          |
|     | C>>AEF 130360-2 6 | 0.067              | LAA 12 |          |          |
|     | D>>MSO            | 1.00               | PMV 12 |          |          |
|     | E 28% UAN         | 2.50               | PMV 12 |          |          |
| 8A  | DEFINE 60DF       | 0.45               | LAA 9  | 87       | 117.9    |
|     | B>>AEF 130360-1 7 | 0.066              | LAA 12 |          |          |
|     | C>>MSO            | 1.00               | PMV 12 |          |          |
|     | D 28% UAN         | 2.50               | PMV 12 |          |          |
| 9A  | DEFINE 60DF       | 0.45               | LAA 9  | 95       | 127.6    |
|     | B>>AEF 130360-2 6 | 0.067              | LAA 12 |          |          |
|     | C>>MSO            | 1.00               | PMV 12 |          |          |
|     | D 28% UAN         | 2.50               | PMV 12 |          |          |
| 10A | LEADOFF 5SE       | 0.94               | LAA 9  | 90       | 144.4    |
|     | B>>BASIS GOLD 90D | 0.78               | LAA 12 |          |          |
|     | C>>COC            | 1.00               | PMV 12 |          |          |
|     | D 28% UAN         | 2.50               | PMV 12 |          |          |
| 11A | DUAL II MAGNUM    | 1.27               | LAA 9  | 96       | 132.9    |
|     | B>>CALLISTO 4SC   | 0.094              | LAA 12 |          |          |
|     | C ATRAZINE DF     | 0.25               | LAA 12 |          |          |
|     | D>>COC            | 1.00               | PMV 12 |          |          |
|     | E 28% UAN         | 2.50               | PMV 12 |          |          |
| 12A | OUTLOOK 6EC       | 0.94               | LAA 9  | 98       | 130.2    |
|     | B>>DISTINCT 70WG  | 0.175              | LAA 12 |          |          |
|     | C>>ACTIVATOR 90   | 0.25               | PMV 12 |          |          |
|     | D>>LIQUID AMS     | 2.50               | PMV 12 |          |          |
|     |                   | LSD (0.05)         |        | 17.68    | 26.42    |
|     |                   | STANDARD DEVIATION |        | 8.48     | 12.67    |

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 05/01/2001(1)  
 12 = ----- / POST 06/13/2001(2)

| H# | CUSTOM#1 | CUSTOM#2 | EV. DATE   | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS   | C.M | CTRT | SS | NOTE |
|----|----------|----------|------------|----|-----|--------|-------|-----|-----|-----|-----|-----|---------|-----|------|----|------|
| 01 | ZEAMD    | CON %    | 06/13/2001 | 01 | P   | ZEAMD  | 15    | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |

## DATA MEAN

TITLE: AEF-360 sequential systems for weed control in corn SW-1600

| H# | CUSTOM#1 | CUSTOM#2 | EV. DATE   | S# | TYP | SPECIE | STAGE | RAW | PRT | SYM | MTH | CNF | BASIS   | C.M | CTR  | SS | NOTE |
|----|----------|----------|------------|----|-----|--------|-------|-----|-----|-----|-----|-----|---------|-----|------|----|------|
| 02 | SETFA    | CON %    | 06/13/2001 | 02 | P   | SETFA  | 15    | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 03 | ABUTH    | CON %    | 06/13/2001 | 04 | P   | ABUTH  | 14    | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 04 | CHEAL    | CON %    | 06/13/2001 | 03 | P   | CHEAL  | 18    | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 05 | POLPY    | CON %    | 06/13/2001 | 05 | P   | POLPY  | 15    | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 06 | AMBTR    | CON %    | 06/13/2001 | 06 | P   | AMBTR  | 18    | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 07 | ZEAMD    | CON %    | 06/21/2001 | 01 | P   | ZEAMD  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 14 | ZEAMD    | CON %    | 06/28/2001 | 01 | P   | ZEAMD  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 15 | SETFA    | CON %    | 06/28/2001 | 02 | P   | SETFA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 16 | POLPY    | CON %    | 06/28/2001 | 05 | P   | POLPY  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 17 | CHEAL    | CON %    | 06/28/2001 | 03 | P   | CHEAL  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 18 | AMBTR    | CON %    | 06/28/2001 | 06 | P   | AMBTR  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 19 | ABUTH    | CON %    | 06/28/2001 | 04 | P   | ABUTH  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 08 | ZEAMD    | CON %    | 07/11/2001 | 01 | P   | ZEAMD  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 09 | SETFA    | CON %    | 07/11/2001 | 02 | P   | SETFA  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 10 | ABUTH    | CON %    | 07/11/2001 | 04 | P   | ABUTH  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 11 | CHEAL    | CON %    | 07/11/2001 | 03 | P   | CHEAL  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 12 | POLPY    | CON %    | 07/11/2001 | 05 | P   | POLPY  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 13 | AMBTR    | CON %    | 07/11/2001 | 06 | P   | AMBTR  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |
| 20 | YIELD    | BU/A     | 10/28/2001 | 01 | P   | ZEAMD  |       | RAW | ALL | CON | %   | --- | 1.00 PL | NO  | 0001 | 0  | N    |

## \* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33G26

## \* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

15 = 5 LEAVES UNFOLDED

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED