### Soil Information

- **Texture:** Sil
- **PH:** 6.6
- **% OM:** 4.7
- **Prev. Crop:** ZEAMD - CORN, DENT
- **% Residue:** 0
- **Plot Width:** 7.5 x 30 FEET

### Trial Information

- **Design:** RCB
- **Reps:** 3

### Applications

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- **Timings:** 12
- **Type:** LIQMXPFR
- **Application Date:** 06/21/02
- **Air Temperature:** 88 F
- **% Rel. Humidity:** 60
- **Wind Direction:** SOUTHWEST
- **Wind Speed:** 3.0 M/H
- **Cloud Cover:** CLEAR
- **Dew:** MOIST
- **Soil Moisture:** DRY/MOIST
- **Soil Condition:** ---

- **Method:** SPRAY
- **Equipment:** BACKPACKS
- **Propellant:** COMPRSCO2
- **Placement:** BROADCAST
- **Nozzle:** FLATFAN
- **Nozzle Number:** 5
- **Nozzle Spacing:** 18.000 IN
- **Swath Width:** 7.5 FT
- **Spray Volume:** 20.00
- **Volume Unit:** GPA
- **Pressure:** 30.00 PSI
- **Diluent:** WATER

- **Inc. Date:** AME
- **Inc. Start:** 24H
- **Inc. End:** 24H
- **Inc. Depth:** IN
- **Inc. Equipment:** ---

### Crops

#### Soybean

- **FS 3616RR**
- **05/23/2002**
- **Diluent:** WATER

#### Pests

- **Velvetleaf**
- **05/23/2002**
- **Inc. Date:** AME
- **Inc. Start:** 24H
- **Inc. End:** 24H
- **Inc. Depth:** IN

- **Water hemp, Commo**
- **2.00/4.00 IN**

- **Lamb Squares, C**
- **2.00/4.00 IN**

- **Morning Glory, TA**
- **1.00/3.00 IN**

- **Smartweed, Penns**
- **2.00/6.00 IN**

### Timing Codes

- **12** = ------ / POST

### Stage Code

- **13** = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
- **14** = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS 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
# Glyphosate salts for weed control in Soybean AS-200

**TRT** | **TREATMENT** | **DOSAGE** | **RATE** | **COMPONENT** | **TM** 06/29/02 | **CON %** 06/29/02 | **CON %** 06/29/02 | **CON %** 06/29/02 | **CON %** 06/29/02 | **CON %** 06/29/02  
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---  
1A | RNDUP ULTRA MA | 0.38 | LAA 12 | 0 | 99 | 91 | 83 | 98 | 98  
2A | RNDUP ULTRA MA | 0.56 | LAA 12 | 0 | 99 | 94 | 86 | 99 | 98  
3A | RNDUP ULTRA MA | 0.75 | LAA 12 | 0 | 99 | 94 | 88 | 99 | 99  
4A | WEATHERMAX 4.5 | 0.38 | LAA 12 | 0 | 98 | 89 | 84 | 98 | 97  
5A | WEATHERMAX 4.5 | 0.56 | LAA 12 | 0 | 99 | 95 | 87 | 99 | 99  
6A | WEATHERMAX 4.5 | 0.75 | LAA 12 | 0 | 99 | 95 | 87 | 99 | 99  
7A | MON 78460 4.5L | 0.38 | LAA 12 | 0 | 98 | 88 | 78 | 94 | 95  
8A | MON 78460 4.5L | 0.56 | LAA 12 | 0 | 99 | 93 | 86 | 99 | 99  
9A | MON 78460 4.5L | 0.75 | LAA 12 | 0 | 99 | 94 | 89 | 99 | 99  
10A | CHECK | 0.00 | NA 12 | 0 | 0 | 0 | 0 | 0 | 0  
11A | RNDUP ULTRA MA | 0.75 | LAA 12 | 0 | 99 | 98 | 99 | 99 | 99  
     | B | LIQUID AMS | 5.00 | PMV 12 | 0 | 99 | 98 | 99 | 99 | 99  
12A | WEATHERMAX 4.5 | 0.75 | LAA 12 | 0 | 99 | 98 | 99 | 99 | 99  
     | B | LIQUID AMS | 5.00 | PMV 12 | 0 | 99 | 98 | 99 | 99 | 99  
13A | MON 78460 4.5L | 0.75 | LAA 12 | 0 | 99 | 97 | 99 | 99 | 99  
     | B | LIQUID AMS | 5.00 | PMV 12 | 0 | 99 | 97 | 99 | 99 | 99  
14A | TOUCHDOWN 3L | 0.75 | LAA 12 | 0 | 99 | 97 | 99 | 99 | 99  
     | B | LIQUID AMS | 5.00 | PMV 12 | 0 | 99 | 97 | 99 | 99 | 99  
15A | CLEAROUT 41 PL | 0.75 | LAA 12 | 0 | 99 | 97 | 99 | 99 | 99  
     | B | LIQUID AMS | 5.00 | PMV 12 | 0 | 99 | 97 | 99 | 99 | 99  
16A | CHECK | 0.00 | NA 12 | 0 | 0 | 0 | 0 | 0 | 0  

**LSD (0.05)** | 0.00 | 0.718 | 2.29 | 3.31 | 1.21 | 2.56  

**STANDARD DEVIATION** | 0.00 | 0.35 | 1.12 | 1.62 | 0.593 | 1.25
## DATA MEAN

**TITLE:** Glyphosate salts for weed control in Soybean AS-200

**CREATED:** 04/23/2002  
**REVISED:** 11/21/2002  
**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  
**REPS:** 03

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**LSD (0.05):** 3.81 0.00 1.86 3.75 5.24 4.00

**STANDARD DEVIATION:** 1.86 0.00 0.907 1.83 2.56 1.94
DATA MEAN

TITLE: Glyphosate salts for weed control in Soybean AS-200


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  REPS: 03

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LSD (0.05) 4.11 4.37

STANDARD DEVIATION 2.00 2.13

= SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ------- / UNTREATED TIMING

12 = ------- / POST 06/21/2002(1)

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* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = FS 3616RR