SOIL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.8
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 
PLOT WIDTH: 7.5 X 36 FEET

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPL. NUMBER | 01 | 02 | 03 | 04 | 05 | UNIT
---|---|---|---|---|---|---
TIMINGS | 09 | 11 | 12 | 13 | 14 | 00 AME
TYPE | LIQMXSPR | LIQMXSPR | LIQMXSPR | LIQMXSPR | LIQMXSPR | AME
APPLICATION DATE | 05/20/99 | 06/09/99 | 06/17/99 | 06/21/99 | 06/25/99 | 00 AME
AIR TEMPERATURE | 75 | 83 | 65 | 77 | 87 | F
% REL. HUMIDITY | 50 | 70 | 67 | 70 | 65 | M/H
WIND DIRECTION | SOUTH | SOUTH | NORTH | --- | NORTH | M/H
WIND SPEED | 5.0 | 3.0 | 5.0 | 0.0 | 3.0 | M/H
CLOUD COVER | CLEAR | CLEAR | PARTCLD | PARTCLD | CLEAR | CLEAR
DEW | --- | NO | NO | NO | NO | NO
SOIL MOISTURE | DRY/MOIST | DRY/MOIST | DRY/MOIST | MOIST/MOI | MOIST/MOI | MOIST/MOI
SOIL CONDITION | --- | --- | --- | --- | --- | ---
METHOD | SPRAY | SPRAY | SPRAY | SPRAY | SPRAY | SPRAY
EQUIPMENT | SPRBAC | SPRBAC | SPRBAC | SPRBAC | SPRBAC | SPRBAC
PROPELLANT | COMPRESSO2 | COMPRESSO2 | COMPRESSO2 | COMPRESSO2 | COMPRESSO2 | COMPRESSO2
PLACEMENT | BROADCAST | BROADCAST | BROADCAST | BROADCAST | BROADCAST | BROADCAST
NOZZLE NUMBER | 5 | 5 | 5 | 5 | 5 | 5
NOZZLE SPACING | 18.000 | 18.000 | 18.000 | 18.000 | 18.000 | IN
SWATH WIDTH | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | FT
SPRAY VOLUME | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00
VOLUME UNIT | GPA | GPA | GPA | GPA | GPA | GPA
PRESSURE | 42.00 | 42.00 | 42.00 | 42.00 | 42.00 | PSI
DILUENT | WATER | WATER | WATER | WATER | WATER | WATER
INC. DATE | 05/20/99 | 06/09/99 | 06/17/99 | 06/21/99 | 06/25/99 | 00 AME
INC. START | 24H | 24H | 24H | 24H | 24H | 24H
INC. END | --- | --- | --- | --- | --- | ---
INC. DEPTH | --- | --- | --- | --- | --- | ---
INC. EQUIPMENT | --- | --- | --- | --- | --- | ---

DENSITY / UNIT

*** CROP ***
SOYBEAN
ASGROW 3601 RR/S
05/20/1999
---/11 ---/12 ---/13 ---/15
5.00/4.00 5.00/5.00 6.00/6.00 8.00/8.00 IN

*** PEST ***
VELVETLEAF
---/12 ---/14 ---/16 ---/18
1.00/2.00 2.00/4.00 3.00/5.00 4.00/6.00 IN
PINEWEED, SMOOTH
---/13 ---/15 ---/17 ---/19
1.00/2.00 2.00/3.00 3.00/4.00 4.00/6.00 IN
LAMBSQUARTERS, C
---/15 ---/17 ---/19 ---/19
1.00/2.00 2.00/4.00 3.00/5.00 4.00/6.00 IN
MORNINGGLORY, TA
---/12 ---/15 ---/18 ---/19
1.00/2.00 2.00/3.00 3.00/5.00 4.00/6.00 IN
SMARTEED, PENNS
---/13 ---/17 ---/19 ---/19
1.00/2.00 2.00/4.00 3.00/6.00 4.00/8.00 IN
FOXTAIL, GIANT
---/12 ---/13 ---/14 ---/15
1.00/2.00 2.00/4.00 3.00/6.00 4.00/8.00 IN
COCKLEBUR, COMMO
---/10 ---/12 ---/14 ---/16
1.00/1.00 2.00/2.00 3.00/4.00 4.00/6.00 IN

* TIMING CODES
09 = ------- / PREEMERGENCE
11 = ------- / EPOST
12 = ------- / POST
13 = ------- / LPPOST
14 = ------- / VLPPOST

* STAGE CODE
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST TRUE LEAVED
12 = 2 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
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**Mean LSD (0.05):**

- PHBP: 12.80
- POLY: 11.84
- GLXMA: 0.891
- SETFA: 7.46
- CHEAL: 5.06
- AMACH: 1.00

**Standard Deviation:**

- PHBP: 6.40
- POLY: 5.92
- GLXMA: 0.445
- SETFA: 3.73
- CHEAL: 2.53
- AMACH: 0.495
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STANDARD DEVIATION 2.46 3.85 6.42 3.54

» = SUPPLEMENTAL CHEMICAL

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09 = ------- / PREEMERGENCE 05/20/1999(1)
11 = ------- / POST 06/09/1999(2)
12 = ------- / POST 06/17/1999(3)
13 = ------- / POST 06/21/1999(4)
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* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)
01 = ASGROW 3601 RR/STS