

LSU Northeast Research Station

ROUNDUP READY FLEX COTTON TOLERANCE TO CO-APPLICATION OF MON 3539 WITH INSECTICIDES AND PLANT GROWTH REGULATOR

Trial ID: _____ Study Dir.: _____
 Location: _____ Investigator: Donnie Miller

SITE AND DESIGN

Plot Width, Unit: 6.67 FT Plot Length, Unit: 12 FT Reps: 3

Site Type: _____

Tillage Type: _____ Study Design: FACTORIAL

Trial Initiation Comments:

| | Previous Crops | Previous Pesticides | Year |
|----|----------------|---------------------|------|
| 1. | | | |

APPLICATION DESCRIPTION

| | A | B |
|----------------------|-------------|------------|
| Application Date: | 12/Jul/2005 | 2/Aug/2005 |
| Time of Day: | 1:30-5:10 | 10:30-4:5 |
| Application Method: | SPRAY | SPRAY |
| Application Timing: | PREBLO | POSBLO |
| Applic. Placement: | BROFOL | BROFOL |
| Air Temp., Unit: | 93 F | 88 F |
| % Relative Humidity: | 49 | 61 |
| Wind Velocity, Unit: | 5.5 MPH | 2.7 F |
| Dew Presence (Y/N): | | |
| Water Hardness: | | |
| Soil Temp., Unit: | 97 F | 97 F |
| Soil Moisture: | MOIST | DRY |
| % Cloud Cover: | 40 | 70 |

WEED STAGE AT EACH APPLICATION

| | A | B |
|---------------------|-----|-----|
| Weed 1 Code, Stage: | N/A | N/A |
| Stage Scale: | | |
| Density, Unit: | | |

APPLICATION EQUIPMENT

| | A | B |
|-----------------------|------------|----------|
| Appl. Equipment: | CO2 BCPCCK | TRACTOR |
| Operating Pressure: | 38 PSI | 40 PSI |
| Nozzle Type: | AI | HC |
| Nozzle Size: | 11002 | TXVS12 |
| Nozzle Spacing, Unit: | 20 IN | 20 IN |
| Nozzles/Row: | 2 | 2 |
| Band Width, Unit: | | |
| Boom Length, Unit: | | |
| Boom Height, Unit: | | |
| Ground Speed, Unit: | 3.2 MPH | 3.6 MPH |
| Incorporation Equip.: | | |
| Hours to Incorp.: | | |
| Incorp. Depth, Unit: | | |
| Carrier: | WATER | WATER |
| Spray Volume, Unit: | 15 GPA | 15.6 GPA |
| Spray pH: | | |
| Propellant: | | |
| Tank Mix (Y/N): | | |

LSU Northeast Research Station

Trial ID:

Study Dir.:

Location:

Investigator: Donnie Miller

| Crop Code | | GOSHI INJURY | GOSHI AVG CROP HT | GOSHI INJURY | GOSHI INJURY | GOSHI AVG CROP HT | GOSHI INJURY | |
|--------------------|----------------|-----------------|----------------------|-----------------|-----------------|----------------------|-----------------|---|
| Rating Data Type | | % | CM | % | % | CM | % | |
| Rating Unit | | | | | | | | |
| Rating Date | | 18/Jul/2005 | 22/Jul/2005 | 28/Jul/2005 | 8/Aug/2005 | 10/Aug/2005 | 16/Aug/2005 | |
| Crop Stage | | 8/Aug | 10/Aug | 16/Aug | 5 DAT | 7&28DAT | 14 DAT | |
| Trt-Eval Interval | | 5 DAT | 10&7 DAT | 14 DAT | 5 DAT | 7&28DAT | 14 DAT | |
| ARM Action Codes | | | | | | | | |
| # Subsamples, Dec. | | | | | | | | |
| Trt Treatment | Rate | Rate | | | | | | |
| No. Name | Rate | Unit | 1 | 2 | 3 | 4 | 5 | 6 |
| TABLE OF R MEANS | | | | | | | | |
| Replicate 1 | | | 1 | 58 | 0 | 2 | 91 | 0 |
| Replicate 2 | | | 2 | 56 | 1 | 2 | 91 | 0 |
| Replicate 3 | | | 1 | 55 | 1 | 2 | 89 | 0 |
| TABLE OF A MEANS | | | | | | | | |
| 1 PINHEAD | | | 1 | 56 | 1 | 0 | 92 | 0 |
| 2 FIRST BLOOM | | | . | . | . | 2 | 88 | 0 |
| TABLE OF B MEANS | | | | | | | | |
| 1 MON 3539 | 22 oz/a | | 1 | 58 | 1 | 1 | 92 | 0 |
| 2 MON 3539 | 22 oz/a | | 1 | 54 | 1 | 2 | 88 | 0 |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| TABLE OF C MEANS | | | | | | | | |
| 1 ACEPHATE | 0.5 lb ai/a | | 0 | 55 | 1 | 1 | 87 | 0 |
| 2 TRIMAX | 0.047 lb ai/a | | 0 | 55 | 0 | 1 | 89 | 0 |
| 3 CENTRIC | 0.047 lb ai/a | | 0 | 55 | 0 | 1 | 90 | 0 |
| 4 CAPTURE | 0.0616 lb ai/a | | 4 | 54 | 1 | 1 | 90 | 0 |
| 5 KARATE Z | 0.033 lb ai/a | | 0 | 56 | 1 | 1 | 92 | 0 |
| 6 VYDATE | 0.4 lb ai/a | | 0 | 57 | 0 | 1 | 94 | 0 |
| 7 CURACRON | 1.0 lb ai/a | | 6 | 57 | 3 | 5 | 91 | 0 |
| 8 INTRUDER | 0.028 lb ai/a | | 0 | 56 | 0 | 1 | 93 | 0 |
| 9 DIMETHOATE | 0.25 lb ai/a | | 0 | 57 | 1 | 3 | 91 | 0 |
| 10 DIAMOND | 9 oz/a | | 0 | 59 | 0 | 1 | 93 | 0 |
| 11 BIDRIN | 0.4 lb ai/a | | 0 | 57 | 1 | 7 | 91 | 1 |
| 12 BAYTHROID | 0.033 lb ai/a | | 0 | 56 | 1 | 1 | 89 | 0 |
| 13 PROLEX | 0.016 lb ai/a | | 0 | 56 | 1 | 1 | 91 | 0 |
| 14 MUSTANG MAX | 0.022 lb ai/a | | 0 | 54 | 0 | 1 | 87 | 0 |
| 15 STEWARD | 0.11 lb ai/a | | 0 | 58 | 1 | 1 | 93 | 0 |
| 16 LANNATE | 0.4 lb ai/a | | 6 | 57 | 2 | 5 | 89 | 0 |
| 17 LARVIN | 0.6 lb ai/a | | 0 | 56 | 1 | 1 | 86 | 0 |
| 18 TRACER | 0.75 lb ai/a | | 0 | 55 | 0 | 1 | 88 | 0 |
| 19 DENIM | 0.01 lb ai/a | | 0 | 55 | 0 | 1 | 88 | 0 |
| 20 BATTERY | 0.1 lb ai/a | | 2 | 57 | 1 | 1 | 94 | 0 |
| 21 NO INSECTICIDE | | | 0 | 58 | 1 | 1 | 91 | 0 |
| TABLE OF AB MEANS | | | | | | | | |
| 1 PINHEAD | | | 1 | 58 | 1 | 0 | 94 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 2 FIRST BLOOM | | | . | . | . | 1 | 90 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | | |

LSU Northeast Research Station

| Crop Code | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|-------------|-------------|-------------|------------|-------------|-------------|
| Rating Data Type | | INJURY | AVG CROP HT | INJURY | INJURY | AVG CROP HT | INJURY |
| Rating Unit | | % | CM | % | % | CM | % |
| Rating Date | | 18/Jul/2005 | 22/Jul/2005 | 28/Jul/2005 | 8/Aug/2005 | 10/Aug/2005 | 16/Aug/2005 |
| Crop Stage | | 8/Aug | 10/Aug | 16/Aug | 8/Aug | 10/Aug | 16/Aug |
| Trt-Eval Interval | | 5 DAT | 10&7 DAT | 14 DAT | 5 DAT | 7&28DAT | 14 DAT |
| ARM Action Codes | | | | | | | |
| # Subsamples, Dec. | | | | | | | |
| Trt Treatment | Rate | | | | | | |
| No. Name | Unit | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 PINHEAD | | 1 | 54 | 1 | 0 | 90 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 2 | 87 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | |
| TABLE OF AC MEANS | | | | | | | |
| 1 PINHEAD | | 0 | 55 | 1 | . | 90 | . |
| 1 ACEPHATE | 0.5 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | 84 | 0 |
| 1 ACEPHATE | 0.5 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 55 | 0 | . | 90 | . |
| 2 TRIMAX | 0.047 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | 87 | 0 |
| 2 TRIMAX | 0.047 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 55 | 0 | . | 91 | . |
| 3 CENTRIC | 0.047 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | 90 | 0 |
| 3 CENTRIC | 0.047 lb ai/a | | | | | | |
| 1 PINHEAD | | 4 | 54 | 1 | . | 89 | . |
| 4 CAPTURE | 0.0616 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | 91 | 0 |
| 4 CAPTURE | 0.0616 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 56 | 1 | 0 | 92 | 0 |
| 5 KARATE Z | 0.033 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | 92 | 0 |
| 5 KARATE Z | 0.033 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 57 | 0 | . | 94 | . |
| 6 VYDATE | 0.4 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | 93 | 0 |
| 6 VYDATE | 0.4 lb ai/a | | | | | | |
| 1 PINHEAD | | 6 | 57 | 3 | . | 94 | . |
| 7 CURACRON | 1.0 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 5 | 88 | 0 |
| 7 CURACRON | 1.0 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 56 | 0 | . | 92 | . |
| 8 INTRUDER | 0.028 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | 93 | 0 |
| 8 INTRUDER | 0.028 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 57 | 1 | . | 93 | . |
| 9 DIMETHOATE | 0.25 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 3 | 89 | 0 |
| 9 DIMETHOATE | 0.25 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 59 | 0 | . | 96 | . |
| 10 DIAMOND | 9 oz/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | 89 | 0 |
| 10 DIAMOND | 9 oz/a | | | | | | |

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| Crop Code Rating Data Type Rating Unit Rating Date Crop Stage Trt-Eval Interval ARM Action Codes # Subsamples, Dec. | | | | GOSHI INJURY % 18/Jul/2005 8/Aug 5 DAT | GOSHI AVG CROP HT CM 22/Jul/2005 10/Aug 10&7 DAT | GOSHI INJURY % 28/Jul/2005 16/Aug 14 DAT | GOSHI INJURY % 8/Aug/2005 5 DAT | GOSHI AVG CROP HT CM 10/Aug/2005 7&28DAT | GOSHI INJURY % 16/Aug/2005 14 DAT |
|--|----------------|-------|-----------|---|---|---|---|--|---|
| Trt No. | Treatment Name | Rate | Rate Unit | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | PINHEAD | | | 0 | 57 | 1 | . | 94 | . |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 7 | 88 | 1 |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 56 | 1 | . | 92 | . |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 85 | 0 |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 56 | 1 | . | 96 | . |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 86 | 0 |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 54 | 0 | . | 89 | . |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 86 | 0 |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 58 | 1 | . | 92 | . |
| 15 | STEWARD | 0.11 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 95 | 0 |
| 15 | STEWARD | 0.11 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 6 | 57 | 2 | . | 95 | . |
| 16 | LANNATE | 0.4 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 5 | 83 | 0 |
| 16 | LANNATE | 0.4 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 56 | 1 | . | 87 | . |
| 17 | LARVIN | 0.6 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 86 | 0 |
| 17 | LARVIN | 0.6 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 55 | 0 | . | 91 | . |
| 18 | TRACER | 0.75 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 85 | 0 |
| 18 | TRACER | 0.75 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 55 | 0 | 0 | 90 | 0 |
| 19 | DENIM | 0.01 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 85 | 0 |
| 19 | DENIM | 0.01 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 2 | 57 | 1 | . | 96 | . |
| 20 | BATTERY | 0.1 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 93 | 0 |
| 20 | BATTERY | 0.1 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 58 | 1 | . | 94 | . |
| 21 | NO INSECTICIDE | | | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 88 | 0 |
| 21 | NO INSECTICIDE | | | | | | | | |
| TABLE OF BC MEANS | | | | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 0 | 56 | 1 | 1 | 85 | 0 |
| 1 | ACEPHATE | 0.5 | lb ai/a | | | | | | |

LSU Northeast Research Station

| Crop Code | | | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|---------------|--------|-----------|-------------|-------------|-------------|------------|-------------|-------------|
| Rating Data Type | | | | INJURY | AVG CROP HT | INJURY | INJURY | AVG CROP HT | INJURY |
| Rating Unit | | | | % | CM | % | % | CM | % |
| Rating Date | | | | 18/Jul/2005 | 22/Jul/2005 | 28/Jul/2005 | 8/Aug/2005 | 10/Aug/2005 | 16/Aug/2005 |
| Crop Stage | | | | 8/Aug | 10/Aug | 16/Aug | 8/Aug | 10/Aug | 16/Aug |
| Trt-Eval Interval | | | | 5 DAT | 10&7 DAT | 14 DAT | 5 DAT | 7&28DAT | 14 DAT |
| ARM Action Codes | | | | | | | | | |
| # Subsamples, Dec. | | | | | | | | | |
| Trt | Treatment | Rate | Rate Unit | 1 | 2 | 3 | 4 | 5 | 6 |
| No. | Name | | | | | | | | |
| 2 | MON 3539 | 22 | oz/a | 0 | 54 | 0 | 1 | 89 | 0 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 1 | ACEPHATE | 0.5 | lb ai/a | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 0 | 56 | 0 | 0 | 90 | 0 |
| 2 | TRIMAX | 0.047 | lb ai/a | | | | | | |
| 2 | MON 3539 | 22 | oz/a | 0 | 55 | 0 | 1 | 87 | 0 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 2 | TRIMAX | 0.047 | lb ai/a | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 0 | 59 | 0 | 1 | 97 | 0 |
| 3 | CENTRIC | 0.047 | lb ai/a | | | | | | |
| 2 | MON 3539 | 22 | oz/a | 0 | 52 | 0 | 1 | 83 | 0 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 3 | CENTRIC | 0.047 | lb ai/a | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 0 | 56 | 1 | 1 | 90 | 0 |
| 4 | CAPTURE | 0.0616 | lb ai/a | | | | | | |
| 2 | MON 3539 | 22 | oz/a | 8 | 52 | 1 | 1 | 89 | 0 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 4 | CAPTURE | 0.0616 | lb ai/a | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 0 | 55 | 0 | 1 | 88 | 0 |
| 5 | KARATE Z | 0.033 | lb ai/a | | | | | | |
| 2 | MON 3539 | 22 | oz/a | 0 | 58 | 1 | 2 | 96 | 0 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 5 | KARATE Z | 0.033 | lb ai/a | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 0 | 56 | 0 | 1 | 96 | 0 |
| 6 | VYDATE | 0.4 | lb ai/a | | | | | | |
| 2 | MON 3539 | 22 | oz/a | 0 | 58 | 0 | 1 | 91 | 0 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 6 | VYDATE | 0.4 | lb ai/a | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 7 | 58 | 2 | 7 | 95 | 1 |
| 7 | CURACRON | 1.0 | lb ai/a | | | | | | |
| 2 | MON 3539 | 22 | oz/a | 6 | 57 | 4 | 4 | 88 | 0 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 7 | CURACRON | 1.0 | lb ai/a | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 0 | 60 | 0 | 1 | 98 | 0 |
| 8 | INTRUDER | 0.028 | lb ai/a | | | | | | |
| 2 | MON 3539 | 22 | oz/a | 0 | 52 | 0 | 1 | 88 | 0 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 8 | INTRUDER | 0.028 | lb ai/a | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 0 | 58 | 0 | 4 | 93 | 0 |
| 9 | DIMETHOATE | 0.25 | lb ai/a | | | | | | |
| 2 | MON 3539 | 22 | oz/a | 0 | 55 | 1 | 1 | 89 | 0 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 9 | DIMETHOATE | 0.25 | lb ai/a | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 0 | 61 | 0 | 1 | 94 | 0 |
| 10 | DIAMOND | 9 | oz/a | | | | | | |
| 2 | MON 3539 | 22 | oz/a | 0 | 57 | 0 | 1 | 91 | 0 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 10 | DIAMOND | 9 | oz/a | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 0 | 58 | 2 | 1 | 95 | 0 |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | | |

LSU Northeast Research Station

| Crop Code | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------------|---|-------------|-------------|-------------|------------|-------------|-------------|
| Rating Data Type | | INJURY | AVG CROP HT | INJURY | INJURY | AVG CROP HT | INJURY |
| Rating Unit | | % | CM | % | % | CM | % |
| Rating Date | | 18/Jul/2005 | 22/Jul/2005 | 28/Jul/2005 | 8/Aug/2005 | 10/Aug/2005 | 16/Aug/2005 |
| Crop Stage | | 8/Aug | 10/Aug | 16/Aug | 8/Aug | 10/Aug | 16/Aug |
| Trt-Eval Interval | | 5 DAT | 10&7 DAT | 14 DAT | 5 DAT | 7&28DAT | 14 DAT |
| ARM Action Codes | | | | | | | |
| # Subsamples, Dec. | | | | | | | |
| Trt Treatment | | | | | | | |
| No. Name Rate Unit | | 1 | 2 | 3 | 4 | 5 | 6 |
| 2 MON 3539 22 oz/a | 0 | 56 | 1 | 1 | 91 | 0 | |
| 2 MEPEX GIN OUT 8 oz/a | | | | | | | |
| 21 NO INSECTICIDE | | | | | | | |
| TABLE OF ABC MEANS | | | | | | | |
| 1 PINHEAD | 0 | 56 | 1 | . | 85 | . | |
| 1 MON 3539 22 oz/a | | | | | | | |
| 1 ACEPHATE 0.5 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | . | . | . | 1 | 86 | 0 | |
| 1 MON 3539 22 oz/a | | | | | | | |
| 1 ACEPHATE 0.5 lb ai/a | | | | | | | |
| 1 PINHEAD | 0 | 54 | 0 | . | 96 | . | |
| 2 MON 3539 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT 8 oz/a | | | | | | | |
| 1 ACEPHATE 0.5 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | . | . | . | 1 | 82 | 0 | |
| 2 MON 3539 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT 8 oz/a | | | | | | | |
| 1 ACEPHATE 0.5 lb ai/a | | | | | | | |
| 1 PINHEAD | 0 | 56 | 0 | . | 87 | . | |
| 1 MON 3539 22 oz/a | | | | | | | |
| 2 TRIMAX 0.047 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | . | . | . | 0 | 93 | 0 | |
| 1 MON 3539 22 oz/a | | | | | | | |
| 2 TRIMAX 0.047 lb ai/a | | | | | | | |
| 1 PINHEAD | 0 | 55 | 0 | . | 93 | . | |
| 2 MON 3539 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT 8 oz/a | | | | | | | |
| 2 TRIMAX 0.047 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | . | . | . | 1 | 81 | 0 | |
| 2 MON 3539 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT 8 oz/a | | | | | | | |
| 2 TRIMAX 0.047 lb ai/a | | | | | | | |
| 1 PINHEAD | 0 | 59 | 0 | . | 97 | . | |
| 1 MON 3539 22 oz/a | | | | | | | |
| 3 CENTRIC 0.047 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | . | . | . | 1 | 97 | 0 | |
| 1 MON 3539 22 oz/a | | | | | | | |
| 3 CENTRIC 0.047 lb ai/a | | | | | | | |
| 1 PINHEAD | 0 | 52 | 0 | . | 84 | . | |
| 2 MON 3539 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT 8 oz/a | | | | | | | |
| 3 CENTRIC 0.047 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | . | . | . | 1 | 83 | 0 | |
| 2 MON 3539 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT 8 oz/a | | | | | | | |
| 3 CENTRIC 0.047 lb ai/a | | | | | | | |
| 1 PINHEAD | 0 | 56 | 1 | . | 89 | . | |
| 1 MON 3539 22 oz/a | | | | | | | |
| 4 CAPTURE 0.0616 lb ai/a | | | | | | | |

LSU Northeast Research Station

| Crop Code | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI | |
|--------------------|----------------|-------------|-------------|-------------|------------|-------------|-------------|---|
| Rating Data Type | | INJURY | AVG CROP HT | INJURY | INJURY | AVG CROP HT | INJURY | |
| Rating Unit | | % | CM | % | % | CM | % | |
| Rating Date | | 18/Jul/2005 | 22/Jul/2005 | 28/Jul/2005 | 8/Aug/2005 | 10/Aug/2005 | 16/Aug/2005 | |
| Crop Stage | | 8/Aug | 10/Aug | 16/Aug | | | | |
| Trt-Eval Interval | | 5 DAT | 10&7 DAT | 14 DAT | 5 DAT | 7&28DAT | 14 DAT | |
| ARM Action Codes | | | | | | | | |
| # Subsamples, Dec. | | | | | | | | |
| Trt Treatment | Rate | Rate | | | | | | |
| No. Name | Unit | Unit | 1 | 2 | 3 | 4 | 5 | 6 |
| 2 FIRST BLOOM | | | . | . | . | 1 | 91 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 4 CAPTURE | 0.0616 lb ai/a | | | | | | | |
| 1 PINHEAD | | | 8 | 52 | 1 | . | 88 | . |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 4 CAPTURE | 0.0616 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | | | . | . | . | 1 | 90 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 4 CAPTURE | 0.0616 lb ai/a | | | | | | | |
| 1 PINHEAD | | | 0 | 55 | 0 | 0 | 90 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 5 KARATE Z | 0.033 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | | | . | . | . | 1 | 87 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 5 KARATE Z | 0.033 lb ai/a | | | | | | | |
| 1 PINHEAD | | | 0 | 58 | 1 | . | 95 | . |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 5 KARATE Z | 0.033 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | | | . | . | . | 2 | 97 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 5 KARATE Z | 0.033 lb ai/a | | | | | | | |
| 1 PINHEAD | | | 0 | 56 | 0 | . | 93 | . |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 6 VYDATE | 0.4 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | | | . | . | . | 1 | 99 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 6 VYDATE | 0.4 lb ai/a | | | | | | | |
| 1 PINHEAD | | | 0 | 58 | 0 | . | 95 | . |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 6 VYDATE | 0.4 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | | | . | . | . | 1 | 87 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 6 VYDATE | 0.4 lb ai/a | | | | | | | |
| 1 PINHEAD | | | 7 | 58 | 2 | . | 96 | . |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 7 CURACRON | 1.0 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | | | . | . | . | 7 | 94 | 1 |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 7 CURACRON | 1.0 lb ai/a | | | | | | | |
| 1 PINHEAD | | | 6 | 57 | 4 | . | 93 | . |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 7 CURACRON | 1.0 lb ai/a | | | | | | | |

LSU Northeast Research Station

| Crop Code | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI | |
|--------------------|---------------|-------------|-------------|-------------|------------|-------------|-------------|---|
| Rating Data Type | | INJURY | AVG CROP HT | INJURY | INJURY | AVG CROP HT | INJURY | |
| Rating Unit | | % | CM | % | % | CM | % | |
| Rating Date | | 18/Jul/2005 | 22/Jul/2005 | 28/Jul/2005 | 8/Aug/2005 | 10/Aug/2005 | 16/Aug/2005 | |
| Crop Stage | | 8/Aug | 10/Aug | 16/Aug | | | | |
| Trt-Eval Interval | | 5 DAT | 10&7 DAT | 14 DAT | 5 DAT | 7&28DAT | 14 DAT | |
| ARM Action Codes | | | | | | | | |
| # Subsamples, Dec. | | | | | | | | |
| Trt Treatment | Rate | Rate | | | | | | |
| No. Name | Unit | Unit | 1 | 2 | 3 | 4 | 5 | |
| | | | | | | | 6 | |
| 2 FIRST BLOOM | | | . | . | . | 4 | 82 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 7 CURACRON | 1.0 lb ai/a | | | | | | | |
| 1 PINHEAD | | 0 | 60 | 0 | . | | 97 | . |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 8 INTRUDER | 0.028 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | | 98 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 8 INTRUDER | 0.028 lb ai/a | | | | | | | |
| 1 PINHEAD | | 0 | 52 | 0 | . | | 88 | . |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 8 INTRUDER | 0.028 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | | 89 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 8 INTRUDER | 0.028 lb ai/a | | | | | | | |
| 1 PINHEAD | | 0 | 58 | 0 | . | | 94 | . |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 9 DIMETHOATE | 0.25 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 4 | | 92 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 9 DIMETHOATE | 0.25 lb ai/a | | | | | | | |
| 1 PINHEAD | | 0 | 55 | 1 | . | | 92 | . |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 9 DIMETHOATE | 0.25 lb ai/a | | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | | 86 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 9 DIMETHOATE | 0.25 lb ai/a | | | | | | | |
| 1 PINHEAD | | 0 | 61 | 0 | . | | 97 | . |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 10 DIAMOND | 9 oz/a | | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | | 91 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 10 DIAMOND | 9 oz/a | | | | | | | |
| 1 PINHEAD | | 0 | 57 | 0 | . | | 96 | . |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 10 DIAMOND | 9 oz/a | | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | | 87 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | | |
| 10 DIAMOND | 9 oz/a | | | | | | | |
| 1 PINHEAD | | 0 | 58 | 2 | . | | 96 | . |
| 1 MON 3539 | 22 oz/a | | | | | | | |
| 11 BIDRIN | 0.4 lb ai/a | | | | | | | |

LSU Northeast Research Station

| Crop Code | | | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|-------|-----------|-------------|-------------|-------------|------------|-------------|-------------|
| Rating Data Type | | | | INJURY | AVG CROP HT | INJURY | INJURY | AVG CROP HT | INJURY |
| Rating Unit | | | | % | CM | % | % | CM | % |
| Rating Date | | | | 18/Jul/2005 | 22/Jul/2005 | 28/Jul/2005 | 8/Aug/2005 | 10/Aug/2005 | 16/Aug/2005 |
| Crop Stage | | | | 8/Aug | 10/Aug | 16/Aug | 5 DAT | 7&28DAT | 14 DAT |
| Trt-Eval Interval | | | | 5 DAT | 10&7 DAT | 14 DAT | 5 DAT | 7&28DAT | 14 DAT |
| ARM Action Codes | | | | | | | | | |
| # Subsamples, Dec. | | | | | | | | | |
| Trt No. | Treatment Name | Rate | Rate Unit | 1 | 2 | 3 | 4 | 5 | 6 |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 95 | 0 |
| 1 | MON 3539 | 22 | oz/a | | | | | | |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 56 | 0 | . | 92 | . |
| 2 | MON 3539 | 22 | oz/a | | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 13 | 82 | 1 |
| 2 | MON 3539 | 22 | oz/a | | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 58 | 0 | . | 95 | . |
| 1 | MON 3539 | 22 | oz/a | | | | | | |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 0 | 86 | 0 |
| 1 | MON 3539 | 22 | oz/a | | | | | | |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 54 | 1 | . | 89 | . |
| 2 | MON 3539 | 22 | oz/a | | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 85 | 0 |
| 2 | MON 3539 | 22 | oz/a | | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 59 | 1 | . | 99 | . |
| 1 | MON 3539 | 22 | oz/a | | | | | | |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 0 | 84 | 0 |
| 1 | MON 3539 | 22 | oz/a | | | | | | |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 54 | 1 | . | 92 | . |
| 2 | MON 3539 | 22 | oz/a | | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 88 | 0 |
| 2 | MON 3539 | 22 | oz/a | | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 57 | 1 | . | 91 | . |
| 1 | MON 3539 | 22 | oz/a | | | | | | |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | | |
| 2 | FIRST BLOOM | | | . | . | . | 1 | 89 | 0 |
| 1 | MON 3539 | 22 | oz/a | | | | | | |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | | |
| 1 | PINHEAD | | | 0 | 50 | 0 | . | 87 | . |
| 2 | MON 3539 | 22 | oz/a | | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | | |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | | |

LSU Northeast Research Station

| Crop Code | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|---------------|-------------|-------------|-------------|------------|-------------|-------------|
| Rating Data Type | | INJURY | AVG CROP HT | INJURY | INJURY | AVG CROP HT | INJURY |
| Rating Unit | | % | CM | % | % | CM | % |
| Rating Date | | 18/Jul/2005 | 22/Jul/2005 | 28/Jul/2005 | 8/Aug/2005 | 10/Aug/2005 | 16/Aug/2005 |
| Crop Stage | | 8/Aug | 10/Aug | 16/Aug | | | |
| Trt-Eval Interval | | 5 DAT | 10&7 DAT | 14 DAT | 5 DAT | 7&28DAT | 14 DAT |
| ARM Action Codes | | | | | | | |
| # Subsamples, Dec. | | | | | | | |
| Trt Treatment | Rate | | | | | | |
| No. Name | Unit | 1 | 2 | 3 | 4 | 5 | 6 |
| 2 FIRST BLOOM | | . | . | . | 0 | 82 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | |
| 14 MUSTANG MAX | 0.022 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 64 | 0 | . | 101 | . |
| 1 MON 3539 | 22 oz/a | | | | | | |
| 15 STEWARD | 0.11 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 0 | 98 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | |
| 15 STEWARD | 0.11 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 52 | 1 | . | 83 | . |
| 2 MON 3539 | 22 oz/a | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | |
| 15 STEWARD | 0.11 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 2 | 91 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | |
| 15 STEWARD | 0.11 lb ai/a | | | | | | |
| 1 PINHEAD | | 9 | 61 | 3 | . | 100 | . |
| 1 MON 3539 | 22 oz/a | | | | | | |
| 16 LANNATE | 0.4 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 4 | 79 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | |
| 16 LANNATE | 0.4 lb ai/a | | | | | | |
| 1 PINHEAD | | 3 | 52 | 1 | . | 89 | . |
| 2 MON 3539 | 22 oz/a | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | |
| 16 LANNATE | 0.4 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 6 | 87 | 0 |
| 2 MON 3539 | 22 oz/a | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | |
| 16 LANNATE | 0.4 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 58 | 0 | . | 88 | . |
| 1 MON 3539 | 22 oz/a | | | | | | |
| 17 LARVIN | 0.6 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | 92 | 0 |
| 1 MON 3539 | 22 oz/a | | | | | | |
| 17 LARVIN | 0.6 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 53 | 1 | . | 85 | . |
| 2 MON 3539 | 22 oz/a | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | |
| 17 LARVIN | 0.6 lb ai/a | | | | | | |
| 2 FIRST BLOOM | | . | . | . | 1 | 80 | 1 |
| 2 MON 3539 | 22 oz/a | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | |
| 17 LARVIN | 0.6 lb ai/a | | | | | | |
| 1 PINHEAD | | 0 | 59 | 1 | . | 101 | . |
| 1 MON 3539 | 22 oz/a | | | | | | |
| 18 TRACER | 0.75 lb ai/a | | | | | | |

LSU Northeast Research Station

| Crop Code | GOSHI INJURY | GOSHI AVG CROP HT | GOSHI INJURY | GOSHI INJURY | GOSHI AVG CROP HT | GOSHI INJURY |
|--------------------|-----------------|----------------------|-----------------|-----------------|----------------------|-----------------|
| Rating Data Type | % | CM | % | % | CM | % |
| Rating Unit | 18/Jul/2005 | 22/Jul/2005 | 28/Jul/2005 | 8/Aug/2005 | 10/Aug/2005 | 16/Aug/2005 |
| Rating Date | 8/Aug | 10/Aug | 16/Aug | 5 DAT | 7&28DAT | 14 DAT |
| Crop Stage | 5 DAT | 10&7 DAT | 14 DAT | | | |
| Trt-Eval Interval | | | | | | |
| ARM Action Codes | | | | | | |
| # Subsamples, Dec. | | | | | | |
| Trt Treatment | | | | | | |
| No. Name | 1 | 2 | 3 | 4 | 5 | 6 |
| Rate | | | | | | |
| Unit | | | | | | |
| 2 FIRST BLOOM | | | | 1 | 87 | 0 |
| 2 MON 3539 | | | | | | |
| 2 MEPEX GIN OUT | | | | | | |
| 21 NO INSECTICIDE | | | | | | |

LSU Northeast Research Station

Trial ID:

Study Dir.:

Location:

Investigator: Donnie Miller

FACTORIAL/POOLED ERROR AOV For GOSHI INJURY % 18/Jul/2005 8/Aug 5 DAT

| SOURCE | DF | SUM OF SQUARES | MEAN SQUARE | F | Prob(F) | LSD (.05) |
|--------|-----|----------------|-------------|--------|---------|-----------|
| Total | 251 | 1122.746032 | | | | |
| R | 2 | 11.912698 | 5.956349 | 2.439 | 0.0904 | 0 |
| A | 1 | 55.253968 | 55.253968 | 22.624 | 0.0001 | 0 |
| B | 1 | 0.063492 | 0.063492 | 0.026 | 0.8721 | 0 |
| AB | 1 | 0.063492 | 0.063492 | 0.026 | 0.8721 | 1 |
| C | 20 | 233.912698 | 11.695635 | 4.789 | 0.0001 | 1 |
| AC | 20 | 233.912698 | 11.695635 | 4.789 | 0.0001 | 2 |
| BC | 20 | 91.103175 | 4.555159 | 1.865 | 0.0180 | 2 |
| ABC | 20 | 91.103175 | 4.555159 | 1.865 | 0.0180 | 3 |
| ERROR | 166 | 405.420635 | 2.442293 | | | |

FACTORIAL/POOLED ERROR AOV For GOSHI AVG CROP HT CM 22/Jul/2005 10/Aug 10&7 DAT

| SOURCE | DF | SUM OF SQUARES | MEAN SQUARE | F | Prob(F) | LSD (.05) |
|--------|-----|----------------|---------------|-----------|---------|-----------|
| Total | 251 | 202154.554096 | | | | |
| R | 2 | 129.178944 | 64.589472 | 5.967 | 0.0031 | 1 |
| A | 1 | 199107.926568 | 199107.926568 | 18394.687 | 0.0001 | 1 |
| B | 1 | 268.903957 | 268.903957 | 24.843 | 0.0001 | 1 |
| AB | 1 | 268.903957 | 268.903957 | 24.843 | 0.0001 | 1 |
| C | 20 | 113.269149 | 5.663457 | 0.523 | 0.9539 | 3 |
| AC | 20 | 113.269149 | 5.663457 | 0.523 | 0.9539 | 4 |
| BC | 20 | 178.141818 | 8.907091 | 0.823 | 0.6834 | 4 |
| ABC | 20 | 178.141818 | 8.907091 | 0.823 | 0.6834 | 5 |
| ERROR | 166 | 1796.818736 | 10.824209 | | | |

FACTORIAL/POOLED ERROR AOV For GOSHI INJURY % 28/Jul/2005 16/Aug 14 DAT

| SOURCE | DF | SUM OF SQUARES | MEAN SQUARE | F | Prob(F) | LSD (.05) |
|--------|-----|----------------|-------------|--------|---------|-----------|
| Total | 251 | 324.694566 | | | | |
| R | 2 | 9.896484 | 4.948242 | 4.070 | 0.0188 | 0 |
| A | 1 | 29.859425 | 29.859425 | 24.562 | 0.0001 | 0 |
| B | 1 | 0.006257 | 0.006257 | 0.005 | 0.9429 | 0 |
| AB | 1 | 0.006257 | 0.006257 | 0.005 | 0.9429 | 0 |
| C | 20 | 28.186739 | 1.409337 | 1.159 | 0.2960 | 1 |
| AC | 20 | 28.186739 | 1.409337 | 1.159 | 0.2960 | 1 |
| BC | 20 | 13.373243 | 0.668662 | 0.550 | 0.9403 | 1 |
| ABC | 20 | 13.373243 | 0.668662 | 0.550 | 0.9403 | 2 |
| ERROR | 166 | 201.806180 | 1.215700 | | | |

FACTORIAL/POOLED ERROR AOV For GOSHI INJURY % 8/Aug/2005 5 DAT

| SOURCE | DF | SUM OF SQUARES | MEAN SQUARE | F | Prob(F) | LSD (.05) |
|--------|-----|----------------|-------------|---------|---------|-----------|
| Total | 251 | 1065.662698 | | | | |
| R | 2 | 0.126984 | 0.063492 | 0.048 | 0.9531 | 0 |
| A | 1 | 173.337302 | 173.337302 | 131.264 | 0.0001 | 0 |
| B | 1 | 5.432540 | 5.432540 | 4.114 | 0.0441 | 0 |
| AB | 1 | 5.432540 | 5.432540 | 4.114 | 0.0441 | 0 |
| C | 20 | 191.079365 | 9.553968 | 7.235 | 0.0001 | 1 |
| AC | 20 | 191.079365 | 9.553968 | 7.235 | 0.0001 | 1 |
| BC | 20 | 139.984127 | 6.999206 | 5.300 | 0.0001 | 1 |
| ABC | 20 | 139.984127 | 6.999206 | 5.300 | 0.0001 | 2 |
| ERROR | 166 | 219.206349 | 1.320520 | | | |

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LSU Northeast Research Station

| FACTORIAL/POOLED ERROR AOV For GOSHI AVG CROP HT CM 10/Aug/2005 7&28DAT | | | | | | |
|---|-----|----------------|-------------|--------|---------|-----------|
| SOURCE | DF | SUM OF SQUARES | MEAN SQUARE | F | Prob(F) | LSD (.05) |
| Total | 251 | 19649.986903 | | | | |
| R | 2 | 344.895730 | 172.447865 | 2.567 | 0.0798 | 3 |
| A | 1 | 901.001338 | 901.001338 | 13.412 | 0.0003 | 2 |
| B | 1 | 989.287852 | 989.287852 | 14.726 | 0.0002 | 2 |
| AB | 1 | 10.771446 | 10.771446 | 0.160 | 0.6894 | 3 |
| C | 20 | 1312.276464 | 65.613823 | 0.977 | 0.4928 | 7 |
| AC | 20 | 829.741313 | 41.487066 | 0.618 | 0.8959 | 9 |
| BC | 20 | 1921.967919 | 96.098396 | 1.430 | 0.1144 | 9 |
| ABC | 20 | 2188.261279 | 109.413064 | 1.629 | 0.0512 | 13 |
| ERROR | 166 | 11151.783562 | 67.179419 | | | |
| FACTORIAL/POOLED ERROR AOV For GOSHI INJURY % 16/Aug/2005 14 DAT | | | | | | |
| SOURCE | DF | SUM OF SQUARES | MEAN SQUARE | F | Prob(F) | LSD (.05) |
| Total | 251 | 17.746032 | | | | |
| R | 2 | 0.055556 | 0.027778 | 0.386 | 0.6803 | 0 |
| A | 1 | 0.253968 | 0.253968 | 3.530 | 0.0620 | 0 |
| B | 1 | 0.063492 | 0.063492 | 0.882 | 0.3489 | 0 |
| AB | 1 | 0.063492 | 0.063492 | 0.882 | 0.3489 | 0 |
| C | 20 | 1.246032 | 0.062302 | 0.866 | 0.6303 | 0 |
| AC | 20 | 1.246032 | 0.062302 | 0.866 | 0.6303 | 0 |
| BC | 20 | 1.436508 | 0.071825 | 0.998 | 0.4671 | 0 |
| ABC | 20 | 1.436508 | 0.071825 | 0.998 | 0.4671 | 0 |
| ERROR | 166 | 11.944444 | 0.071954 | | | |

LSU Northeast Research Station

| Crop Code | GOSHI | | GOSHI | | GOSHI | | |
|--------------------|----------------|------------|-------------|------------|-------------|--------|----|
| Rating Data Type | 1ST YIELD | 2ND YIELD | TOTAL YIELD | YIELD | 1ST HARVEST | | |
| Rating Unit | LBS | LBS | LBS | LB/A | % | | |
| Rating Date | 21/Oct/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | | |
| Crop Stage | 101 DA-A | | | | | | |
| Trt-Eval Interval | | | | | | | |
| ARM Action Codes | | | T1 | TY2 | T3 | | |
| # Subsamples, Dec. | | | | 1 | | | |
| Trt Treatment | Rate | Rate | | | | | |
| No. Name | Unit | Unit | | | | | |
| | | | 7 | 8 | 9 | 10 | 11 |
| TABLE OF R MEANS | | | | | | | |
| Replicate 1 | | | 4 | 1 | 5 | 2646.1 | 83 |
| Replicate 2 | | | 4 | 1 | 5 | 2647.9 | 83 |
| Replicate 3 | | | 4 | 1 | 4 | 2431.0 | 86 |
| TABLE OF A MEANS | | | | | | | |
| 1 PINHEAD | | | 4 | 1 | 5 | 2533.4 | 84 |
| 2 FIRST BLOOM | | | 4 | 1 | 5 | 2616.6 | 84 |
| TABLE OF B MEANS | | | | | | | |
| 1 MON 3539 | 22 oz/a | | 4 | 1 | 5 | 2537.5 | 84 |
| 2 MON 3539 | 22 oz/a | | 4 | 1 | 5 | 2612.5 | 84 |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | |
| TABLE OF C MEANS | | | | | | | |
| 1 ACEPHATE | 0.5 lb ai/a | | 4 | 1 | 5 | 2603.2 | 87 |
| 2 TRIMAX | 0.047 lb ai/a | | 4 | 1 | 5 | 2636.8 | 86 |
| 3 CENTRIC | 0.047 lb ai/a | | 4 | 1 | 5 | 2929.8 | 83 |
| 4 CAPTURE | 0.0616 lb ai/a | | 4 | 1 | 4 | 2424.5 | 88 |
| 5 KARATE Z | 0.033 lb ai/a | | 4 | 1 | 5 | 2569.7 | 85 |
| 6 VYDATE | 0.4 lb ai/a | | 4 | 1 | 4 | 2428.2 | 86 |
| 7 CURACRON | 1.0 lb ai/a | | 4 | 1 | 4 | 2412.2 | 84 |
| 8 INTRUDER | 0.028 lb ai/a | | 4 | 1 | 5 | 2596.4 | 83 |
| 9 DIMETHOATE | 0.25 lb ai/a | | 4 | 1 | 5 | 2549.3 | 85 |
| 10 DIAMOND | 9 oz/a | | 4 | 1 | 5 | 2786.9 | 86 |
| 11 BIDRIN | 0.4 lb ai/a | | 4 | 1 | 5 | 2513.4 | 80 |
| 12 BAYTHROID | 0.033 lb ai/a | | 4 | 1 | 5 | 2620.9 | 86 |
| 13 PROLEX | 0.016 lb ai/a | | 4 | 1 | 5 | 2541.5 | 81 |
| 14 MUSTANG MAX | 0.022 lb ai/a | | 4 | 1 | 5 | 2556.7 | 81 |
| 15 STEWARD | 0.11 lb ai/a | | 4 | 1 | 5 | 2802.3 | 83 |
| 16 LANNATE | 0.4 lb ai/a | | 4 | 1 | 5 | 2491.2 | 84 |
| 17 LARVIN | 0.6 lb ai/a | | 4 | 1 | 4 | 2312.1 | 86 |
| 18 TRACER | 0.75 lb ai/a | | 4 | 1 | 5 | 2669.4 | 84 |
| 19 DENIM | 0.01 lb ai/a | | 4 | 1 | 5 | 2635.0 | 81 |
| 20 BATTERY | 0.1 lb ai/a | | 4 | 1 | 5 | 2492.1 | 80 |
| 21 NO INSECTICIDE | | | 4 | 1 | 5 | 2503.4 | 85 |
| TABLE OF AB MEANS | | | | | | | |
| 1 PINHEAD | | | 4 | 1 | 5 | 2508.7 | 84 |
| 1 MON 3539 | 22 oz/a | | | | | | |
| 2 FIRST BLOOM | | | 4 | 1 | 5 | 2566.3 | 85 |
| 1 MON 3539 | 22 oz/a | | | | | | |
| 1 PINHEAD | | | 4 | 1 | 5 | 2558.1 | 84 |
| 2 MON 3539 | 22 oz/a | | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | | |

LSU Northeast Research Station

| Crop Code | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|-------------|------------|-------------|------------|-------------|
| Rating Data Type | | 1ST YIELD | 2ND YIELD | TOTAL YIELD | YIELD | 1ST HARVEST |
| Rating Unit | | LBS | LBS | LBS | LB/A | % |
| Rating Date | | 21/Oct/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 |
| Crop Stage | | | | | | |
| Trt-Eval Interval | | 101 DA-A | | | | |
| ARM Action Codes | | | | T1 | TY2 | T3 |
| # Subsamples, Dec. | | | | | 1 | |
| Trt Treatment | Rate | Rate | | | | |
| No. Name | Unit | 7 | 8 | 9 | 10 | 11 |
| 2 FIRST BLOOM | | 4 | 1 | 5 | 2667.0 | 83 |
| 2 MON 3539 | 22 oz/a | | | | | |
| 2 MEPEX GIN OUT | 8 oz/a | | | | | |
| TABLE OF AC MEANS | | | | | | |
| 1 PINHEAD | | 4 | 1 | 5 | 2527.0 | 87 |
| 1 ACEPHATE | 0.5 lb ai/a | | | | | |
| 2 FIRST BLOOM | | 4 | 1 | 5 | 2679.4 | 87 |
| 1 ACEPHATE | 0.5 lb ai/a | | | | | |
| 1 PINHEAD | | 4 | 1 | 5 | 2814.6 | 86 |
| 2 TRIMAX | 0.047 lb ai/a | | | | | |
| 2 FIRST BLOOM | | 4 | 1 | 5 | 2459.0 | 87 |
| 2 TRIMAX | 0.047 lb ai/a | | | | | |
| 1 PINHEAD | | 4 | 1 | 5 | 2859.0 | 84 |
| 3 CENTRIC | 0.047 lb ai/a | | | | | |
| 2 FIRST BLOOM | | 5 | 1 | 6 | 3000.5 | 83 |
| 3 CENTRIC | 0.047 lb ai/a | | | | | |
| 1 PINHEAD | | 4 | 1 | 4 | 2230.4 | 88 |
| 4 CAPTURE | 0.0616 lb ai/a | | | | | |
| 2 FIRST BLOOM | | 4 | 1 | 5 | 2618.6 | 89 |
| 4 CAPTURE | 0.0616 lb ai/a | | | | | |
| 1 PINHEAD | | 4 | 1 | 5 | 2526.1 | 87 |
| 5 KARATE Z | 0.033 lb ai/a | | | | | |
| 2 FIRST BLOOM | | 4 | 1 | 5 | 2613.2 | 83 |
| 5 KARATE Z | 0.033 lb ai/a | | | | | |
| 1 PINHEAD | | 4 | 1 | 5 | 2494.4 | 84 |
| 6 VYDATE | 0.4 lb ai/a | | | | | |
| 2 FIRST BLOOM | | 4 | 1 | 4 | 2361.9 | 88 |
| 6 VYDATE | 0.4 lb ai/a | | | | | |
| 1 PINHEAD | | 4 | 1 | 4 | 2287.6 | 85 |
| 7 CURACRON | 1.0 lb ai/a | | | | | |
| 2 FIRST BLOOM | | 4 | 1 | 5 | 2536.8 | 82 |
| 7 CURACRON | 1.0 lb ai/a | | | | | |
| 1 PINHEAD | | 4 | 1 | 5 | 2504.4 | 80 |
| 8 INTRUDER | 0.028 lb ai/a | | | | | |
| 2 FIRST BLOOM | | 4 | 1 | 5 | 2688.5 | 87 |
| 8 INTRUDER | 0.028 lb ai/a | | | | | |
| 1 PINHEAD | | 4 | 1 | 5 | 2670.3 | 83 |
| 9 DIMETHOATE | 0.25 lb ai/a | | | | | |
| 2 FIRST BLOOM | | 4 | 1 | 4 | 2428.2 | 87 |
| 9 DIMETHOATE | 0.25 lb ai/a | | | | | |
| 1 PINHEAD | | 4 | 1 | 5 | 2705.7 | 85 |
| 10 DIAMOND | 9 oz/a | | | | | |
| 2 FIRST BLOOM | | 5 | 1 | 5 | 2868.1 | 86 |
| 10 DIAMOND | 9 oz/a | | | | | |
| 1 PINHEAD | | 4 | 1 | 4 | 2394.6 | 81 |
| 11 BIDRIN | 0.4 lb ai/a | | | | | |
| 2 FIRST BLOOM | | 4 | 1 | 5 | 2632.2 | 80 |
| 11 BIDRIN | 0.4 lb ai/a | | | | | |

LSU Northeast Research Station

| Crop Code | | | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|-------|-----------|-------------|------------|-------------|------------|-------------|
| Rating Data Type | | | | 1ST YIELD | 2ND YIELD | TOTAL YIELD | YIELD | 1ST HARVEST |
| Rating Unit | | | | LBS | LBS | LBS | LB/A | % |
| Rating Date | | | | 21/Oct/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 |
| Crop Stage | | | | | | | | |
| Trt-Eval Interval | | | | 101 DA-A | | | | |
| ARM Action Codes | | | | | | T1 | TY2 | T3 |
| # Subsamples, Dec. | | | | | | | 1 | |
| Trt No. | Treatment Name | Rate | Rate Unit | 7 | 8 | 9 | 10 | 11 |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2628.6 | 87 |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2613.2 | 84 |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 3 | 1 | 4 | 2292.1 | 81 |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2791.0 | 81 |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2533.7 | 79 |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2579.6 | 84 |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2805.5 | 84 |
| 15 | STEWARD | 0.11 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2799.1 | 82 |
| 15 | STEWARD | 0.11 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 4 | 2389.2 | 84 |
| 16 | LANNATE | 0.4 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2593.2 | 84 |
| 16 | LANNATE | 0.4 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 4 | 2263.1 | 88 |
| 17 | LARVIN | 0.6 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 4 | 2361.0 | 85 |
| 17 | LARVIN | 0.6 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2640.4 | 82 |
| 18 | TRACER | 0.75 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2698.5 | 85 |
| 18 | TRACER | 0.75 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2512.5 | 83 |
| 19 | DENIM | 0.01 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2757.4 | 79 |
| 19 | DENIM | 0.01 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2549.7 | 80 |
| 20 | BATTERY | 0.1 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 4 | 2434.5 | 81 |
| 20 | BATTERY | 0.1 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2572.4 | 86 |
| 21 | NO INSECTICIDE | | | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 4 | 2434.5 | 83 |
| 21 | NO INSECTICIDE | | | | | | | |
| TABLE OF BC MEANS | | | | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2564.2 | 89 |
| 1 | ACEPHATE | 0.5 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2642.2 | 85 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 1 | ACEPHATE | 0.5 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2510.7 | 85 |
| 2 | TRIMAX | 0.047 | lb ai/a | | | | | |

LSU Northeast Research Station

| Crop Code | | | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|--------|-----------|-------------|------------|-------------|------------|-------------|
| Rating Data Type | | | | 1ST YIELD | 2ND YIELD | TOTAL YIELD | YIELD | 1ST HARVEST |
| Rating Unit | | | | LBS | LBS | LBS | LB/A | % |
| Rating Date | | | | 21/Oct/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 |
| Crop Stage | | | | | | | | |
| Trt-Eval Interval | | | | 101 DA-A | | | | |
| ARM Action Codes | | | | | | T1 | TY2 | T3 |
| # Subsamples, Dec. | | | | | | | 1 | |
| Trt No. | Treatment Name | Rate | Rate Unit | 7 | 8 | 9 | 10 | 11 |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2762.9 | 87 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 2 | TRIMAX | 0.047 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 5 | 1 | 6 | 3005.0 | 86 |
| 3 | CENTRIC | 0.047 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2854.5 | 80 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 3 | CENTRIC | 0.047 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 0 | 4 | 2358.3 | 91 |
| 4 | CAPTURE | 0.0616 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2490.8 | 86 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 4 | CAPTURE | 0.0616 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 4 | 2413.7 | 86 |
| 5 | KARATE Z | 0.033 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2725.7 | 83 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 5 | KARATE Z | 0.033 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2481.7 | 87 |
| 6 | VYDATE | 0.4 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 4 | 2374.6 | 84 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 6 | VYDATE | 0.4 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 4 | 2388.3 | 84 |
| 7 | CURACRON | 1.0 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 4 | 2436.1 | 83 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 7 | CURACRON | 1.0 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2569.7 | 86 |
| 8 | INTRUDER | 0.028 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2623.2 | 81 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 8 | INTRUDER | 0.028 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2477.1 | 81 |
| 9 | DIMETHOATE | 0.25 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2621.4 | 88 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 9 | DIMETHOATE | 0.25 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2782.8 | 85 |
| 10 | DIAMOND | 9 | oz/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2791.0 | 86 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 10 | DIAMOND | 9 | oz/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2548.8 | 79 |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2478.1 | 82 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2509.8 | 85 |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | |

LSU Northeast Research Station

| Crop Code | | | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|-------|-----------|-------------|------------|-------------|------------|-------------|
| Rating Data Type | | | | 1ST YIELD | 2ND YIELD | TOTAL YIELD | YIELD | 1ST HARVEST |
| Rating Unit | | | | LBS | LBS | LBS | LB/A | % |
| Rating Date | | | | 21/Oct/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 |
| Crop Stage | | | | | | | | |
| Trt-Eval Interval | | | | 101 DA-A | | | | |
| ARM Action Codes | | | | | | T1 | TY2 | T3 |
| # Subsamples, Dec. | | | | | | | 1 | |
| Trt No. | Treatment Name | Rate | Rate Unit | 7 | 8 | 9 | 10 | 11 |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2732.0 | 86 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2489.8 | 82 |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2593.2 | 81 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2643.1 | 83 |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2470.2 | 80 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2566.9 | 82 |
| 15 | STEWARD | 0.11 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 5 | 1 | 6 | 3037.7 | 85 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 15 | STEWARD | 0.11 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 4 | 2443.6 | 84 |
| 16 | LANNATE | 0.4 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2538.8 | 84 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 16 | LANNATE | 0.4 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 4 | 2324.8 | 86 |
| 17 | LARVIN | 0.6 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 4 | 2299.4 | 86 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 17 | LARVIN | 0.6 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2566.0 | 83 |
| 18 | TRACER | 0.75 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2772.8 | 84 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 18 | TRACER | 0.75 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2848.1 | 83 |
| 19 | DENIM | 0.01 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 3 | 1 | 4 | 2421.8 | 78 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 19 | DENIM | 0.01 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 4 | 2383.7 | 80 |
| 20 | BATTERY | 0.1 | lb ai/a | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2600.5 | 80 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 20 | BATTERY | 0.1 | lb ai/a | | | | | |
| 1 | MON 3539 | 22 | oz/a | 4 | 1 | 4 | 2410.9 | 83 |
| 21 | NO INSECTICIDE | | | | | | | |
| 2 | MON 3539 | 22 | oz/a | 4 | 1 | 5 | 2596.0 | 86 |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 21 | NO INSECTICIDE | | | | | | | |
| TABLE OF ABC MEANS | | | | | | | | |

LSU Northeast Research Station

| Crop Code | | | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|--------|-----------|-------------|------------|-------------|------------|-------------|
| Rating Data Type | | | | 1ST YIELD | 2ND YIELD | TOTAL YIELD | YIELD | 1ST HARVEST |
| Rating Unit | | | | LBS | LBS | LBS | LB/A | % |
| Rating Date | | | | 21/Oct/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 |
| Crop Stage | | | | | | | | |
| Trt-Eval Interval | | | | 101 DA-A | | | | |
| ARM Action Codes | | | | | | T1 | TY2 | T3 |
| # Subsamples, Dec. | | | | | | | 1 | |
| Trt No. | Treatment Name | Rate | Rate Unit | 7 | 8 | 9 | 10 | 11 |
| 1 | PINHEAD | | | 4 | 0 | 4 | 2314.8 | 90 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 1 | ACEPHATE | 0.5 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 5 | 1 | 5 | 2813.7 | 88 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 1 | ACEPHATE | 0.5 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2739.3 | 84 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 1 | ACEPHATE | 0.5 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2545.2 | 87 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 1 | ACEPHATE | 0.5 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2485.3 | 84 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 2 | TRIMAX | 0.047 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2536.1 | 87 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 2 | TRIMAX | 0.047 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 5 | 1 | 6 | 3143.8 | 87 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 2 | TRIMAX | 0.047 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 4 | 2381.9 | 87 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 2 | TRIMAX | 0.047 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 5 | 1 | 6 | 3069.4 | 87 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 3 | CENTRIC | 0.047 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 5 | 1 | 5 | 2940.6 | 85 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 3 | CENTRIC | 0.047 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2648.6 | 81 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 3 | CENTRIC | 0.047 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 5 | 1 | 6 | 3060.4 | 80 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 3 | CENTRIC | 0.047 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 0 | 4 | 2334.7 | 90 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 4 | CAPTURE | 0.0616 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 0 | 4 | 2381.9 | 91 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 4 | CAPTURE | 0.0616 | lb ai/a | | | | | |

LSU Northeast Research Station

| Crop Code | | | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|--------|-----------|-------------|------------|-------------|------------|-------------|
| Rating Data Type | | | | 1ST YIELD | 2ND YIELD | TOTAL YIELD | YIELD | 1ST HARVEST |
| Rating Unit | | | | LBS | LBS | LBS | LB/A | % |
| Rating Date | | | | 21/Oct/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 |
| Crop Stage | | | | | | | | |
| Trt-Eval Interval | | | | 101 DA-A | | | | |
| ARM Action Codes | | | | | | T1 | TY2 | T3 |
| # Subsamples, Dec. | | | | | | | 1 | |
| Trt No. | Treatment Name | Rate | Rate Unit | 7 | 8 | 9 | 10 | 11 |
| 1 | PINHEAD | | | 3 | 1 | 4 | 2126.1 | 85 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 4 | CAPTURE | 0.0616 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 5 | 1 | 5 | 2855.4 | 86 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 4 | CAPTURE | 0.0616 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 0 | 5 | 2507.1 | 90 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 5 | KARATE Z | 0.033 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 3 | 1 | 4 | 2320.2 | 82 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 5 | KARATE Z | 0.033 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2545.2 | 83 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 5 | KARATE Z | 0.033 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2906.2 | 84 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 5 | KARATE Z | 0.033 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2570.6 | 86 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 6 | VYDATE | 0.4 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 4 | 2392.8 | 88 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 6 | VYDATE | 0.4 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 4 | 2418.2 | 82 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 6 | VYDATE | 0.4 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 4 | 2331.1 | 87 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 6 | VYDATE | 0.4 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 3 | 1 | 4 | 2153.3 | 83 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 7 | CURACRON | 1.0 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2623.2 | 86 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 7 | CURACRON | 1.0 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 4 | 2421.8 | 87 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 7 | CURACRON | 1.0 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2450.5 | 78 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 7 | CURACRON | 1.0 | lb ai/a | | | | | |

LSU Northeast Research Station

| Crop Code | | | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|-------|-----------|-------------|------------|-------------|------------|-------------|
| Rating Data Type | | | | 1ST YIELD | 2ND YIELD | TOTAL YIELD | YIELD | 1ST HARVEST |
| Rating Unit | | | | LBS | LBS | LBS | LB/A | % |
| Rating Date | | | | 21/Oct/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 |
| Crop Stage | | | | | | | | |
| Trt-Eval Interval | | | | 101 DA-A | | | | |
| ARM Action Codes | | | | | | T1 | TY2 | T3 |
| # Subsamples, Dec. | | | | | | | 1 | |
| Trt No. | Treatment Name | Rate | Rate Unit | 7 | 8 | 9 | 10 | 11 |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2530.7 | 85 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 8 | INTRUDER | 0.028 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2608.7 | 86 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 8 | INTRUDER | 0.028 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 3 | 1 | 5 | 2478.1 | 75 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 8 | INTRUDER | 0.028 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2768.3 | 87 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 8 | INTRUDER | 0.028 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2635.9 | 81 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 9 | DIMETHOATE | 0.25 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 3 | 1 | 4 | 2318.4 | 82 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 9 | DIMETHOATE | 0.25 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2704.8 | 85 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 9 | DIMETHOATE | 0.25 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2537.9 | 91 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 9 | DIMETHOATE | 0.25 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2581.5 | 84 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 10 | DIAMOND | 9 | oz/a | | | | | |
| 2 | FIRST BLOOM | | | 5 | 1 | 5 | 2984.2 | 87 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 10 | DIAMOND | 9 | oz/a | | | | | |
| 1 | PINHEAD | | | 5 | 1 | 5 | 2830.0 | 87 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 10 | DIAMOND | 9 | oz/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2752.0 | 86 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 10 | DIAMOND | 9 | oz/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 4 | 2420.0 | 82 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2677.6 | 76 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | |

LSU Northeast Research Station

| Crop Code | | | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|-------|-----------|-------------|------------|-------------|------------|-------------|
| Rating Data Type | | | | 1ST YIELD | 2ND YIELD | TOTAL YIELD | YIELD | 1ST HARVEST |
| Rating Unit | | | | LBS | LBS | LBS | LB/A | % |
| Rating Date | | | | 21/Oct/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 |
| Crop Stage | | | | | | | | |
| Trt-Eval Interval | | | | 101 DA-A | | | | |
| ARM Action Codes | | | | | | T1 | TY2 | T3 |
| # Subsamples, Dec. | | | | | | | 1 | |
| Trt No. | Treatment Name | Rate | Rate Unit | 7 | 8 | 9 | 10 | 11 |
| 1 | PINHEAD | | | 3 | 1 | 4 | 2369.2 | 79 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2586.9 | 85 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 11 | BIDRIN | 0.4 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 4 | 2372.8 | 87 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2646.8 | 83 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 5 | 1 | 5 | 2884.4 | 87 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2579.6 | 85 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 12 | BAYTHROID | 0.033 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 3 | 1 | 4 | 2186.0 | 76 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 5 | 1 | 5 | 2793.7 | 88 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 4 | 2398.2 | 86 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2788.3 | 75 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 13 | PROLEX | 0.016 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2657.6 | 81 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2628.6 | 85 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 4 | 2409.8 | 77 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2530.7 | 83 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 14 | MUSTANG MAX | 0.022 | lb ai/a | | | | | |

LSU Northeast Research Station

| Crop Code | | | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|------|-----------|-------------|------------|-------------|------------|-------------|
| Rating Data Type | | | | 1ST YIELD | 2ND YIELD | TOTAL YIELD | YIELD | 1ST HARVEST |
| Rating Unit | | | | LBS | LBS | LBS | LB/A | % |
| Rating Date | | | | 21/Oct/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 |
| Crop Stage | | | | | | | | |
| Trt-Eval Interval | | | | 101 DA-A | | | | |
| ARM Action Codes | | | | | | T1 | TY2 | T3 |
| # Subsamples, Dec. | | | | | | | 1 | |
| Trt No. | Treatment Name | Rate | Rate Unit | 7 | 8 | 9 | 10 | 11 |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2474.4 | 79 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 15 | STEWARD | 0.11 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2659.5 | 84 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 15 | STEWARD | 0.11 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 5 | 1 | 6 | 3136.6 | 89 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 15 | STEWARD | 0.11 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2938.8 | 80 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 15 | STEWARD | 0.11 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2596.0 | 81 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 16 | LANNATE | 0.4 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 4 | 2291.2 | 86 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 16 | LANNATE | 0.4 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 3 | 1 | 4 | 2182.4 | 86 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 16 | LANNATE | 0.4 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2895.3 | 81 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 16 | LANNATE | 0.4 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 4 | 2283.9 | 85 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 17 | LARVIN | 0.6 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 4 | 2365.6 | 87 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 17 | LARVIN | 0.6 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 0 | 4 | 2242.2 | 90 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 17 | LARVIN | 0.6 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 4 | 2356.5 | 83 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 17 | LARVIN | 0.6 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2699.4 | 80 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 18 | TRACER | 0.75 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 4 | 2432.7 | 86 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 18 | TRACER | 0.75 | lb ai/a | | | | | |

LSU Northeast Research Station

| Crop Code | | | | GOSHI | GOSHI | GOSHI | GOSHI | GOSHI |
|--------------------|----------------|------|-----------|-------------|------------|-------------|------------|-------------|
| Rating Data Type | | | | 1ST YIELD | 2ND YIELD | TOTAL YIELD | YIELD | 1ST HARVEST |
| Rating Unit | | | | LBS | LBS | LBS | LB/A | % |
| Rating Date | | | | 21/Oct/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 | 3/Nov/2005 |
| Crop Stage | | | | | | | | |
| Trt-Eval Interval | | | | 101 DA-A | | | | |
| ARM Action Codes | | | | | | T1 | TY2 | T3 |
| # Subsamples, Dec. | | | | | | | 1 | |
| Trt No. | Treatment Name | Rate | Rate Unit | 7 | 8 | 9 | 10 | 11 |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2581.5 | 85 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 18 | TRACER | 0.75 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 5 | 1 | 5 | 2964.2 | 84 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 18 | TRACER | 0.75 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2759.2 | 82 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 19 | DENIM | 0.01 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 5 | 1 | 5 | 2937.0 | 85 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 19 | DENIM | 0.01 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 3 | 1 | 4 | 2265.8 | 83 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 19 | DENIM | 0.01 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 3 | 1 | 5 | 2577.8 | 72 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 19 | DENIM | 0.01 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2605.0 | 81 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 20 | BATTERY | 0.1 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 3 | 1 | 4 | 2162.4 | 80 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 20 | BATTERY | 0.1 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2494.4 | 78 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 20 | BATTERY | 0.1 | lb ai/a | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2706.6 | 82 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 20 | BATTERY | 0.1 | lb ai/a | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 4 | 2445.4 | 88 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 21 | NO INSECTICIDE | | | | | | | |
| 2 | FIRST BLOOM | | | 3 | 1 | 4 | 2376.5 | 79 |
| 1 | MON 3539 | 22 | oz/a | | | | | |
| 21 | NO INSECTICIDE | | | | | | | |
| 1 | PINHEAD | | | 4 | 1 | 5 | 2699.4 | 84 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 21 | NO INSECTICIDE | | | | | | | |
| 2 | FIRST BLOOM | | | 4 | 1 | 5 | 2492.6 | 88 |
| 2 | MON 3539 | 22 | oz/a | | | | | |
| 2 | MEPEX GIN OUT | 8 | oz/a | | | | | |
| 21 | NO INSECTICIDE | | | | | | | |

LSU Northeast Research Station

Trial ID:

Study Dir.:

Location:

Investigator: Donnie Miller

FACTORIAL/POOLED ERROR AOV For GOSHI 1ST YIELD LBS 21/Oct/2005 101 DA-A

| SOURCE | DF | SUM OF SQUARES | MEAN SQUARE | F | Prob(F) | LSD (.05) |
|--------|-----|----------------|-------------|-------|---------|-----------|
| Total | 251 | 150.922316 | | | | |
| R | 2 | 2.919417 | 1.459708 | 2.321 | 0.1014 | 0 |
| A | 1 | 1.222038 | 1.222038 | 1.943 | 0.1652 | 0 |
| B | 1 | 0.374583 | 0.374583 | 0.596 | 0.4414 | 0 |
| AB | 1 | 0.000141 | 0.000141 | 0.000 | 0.9880 | 0 |
| C | 20 | 12.867308 | 0.643365 | 1.023 | 0.4382 | 1 |
| AC | 20 | 6.493352 | 0.324668 | 0.516 | 0.9571 | 1 |
| BC | 20 | 9.307774 | 0.465389 | 0.740 | 0.7803 | 1 |
| ABC | 20 | 13.330841 | 0.666542 | 1.060 | 0.3967 | 1 |
| ERROR | 166 | 104.406864 | 0.628957 | | | |

FACTORIAL/POOLED ERROR AOV For GOSHI 2ND YIELD LBS 3/Nov/2005

| SOURCE | DF | SUM OF SQUARES | MEAN SQUARE | F | Prob(F) | LSD (.05) |
|--------|-----|----------------|-------------|-------|---------|-----------|
| Total | 251 | 30.642956 | | | | |
| R | 2 | 1.652443 | 0.826222 | 6.920 | 0.0013 | 0 |
| A | 1 | 0.009289 | 0.009289 | 0.078 | 0.7806 | 0 |
| B | 1 | 0.221432 | 0.221432 | 1.855 | 0.1751 | 0 |
| AB | 1 | 0.123115 | 0.123115 | 1.031 | 0.3114 | 0 |
| C | 20 | 3.160648 | 0.158032 | 1.324 | 0.1704 | 0 |
| AC | 20 | 1.394236 | 0.069712 | 0.584 | 0.9199 | 0 |
| BC | 20 | 1.114026 | 0.055701 | 0.467 | 0.9754 | 0 |
| ABC | 20 | 3.148210 | 0.157411 | 1.318 | 0.1736 | 1 |
| ERROR | 166 | 19.819556 | 0.119395 | | | |

FACTORIAL/POOLED ERROR AOV For GOSHI TOTAL YIELD LBS 3/Nov/2005 T1

| SOURCE | DF | SUM OF SQUARES | MEAN SQUARE | F | Prob(F) | LSD (.05) |
|--------|-----|----------------|-------------|-------|---------|-----------|
| Total | 251 | 177.319026 | | | | |
| R | 2 | 8.826810 | 4.413405 | 6.101 | 0.0028 | 0 |
| A | 1 | 1.472694 | 1.472694 | 2.036 | 0.1555 | 0 |
| B | 1 | 1.197503 | 1.197503 | 1.655 | 0.2000 | 0 |
| AB | 1 | 0.140224 | 0.140224 | 0.194 | 0.6603 | 0 |
| C | 20 | 16.486431 | 0.824322 | 1.140 | 0.3145 | 1 |
| AC | 20 | 8.465295 | 0.423265 | 0.585 | 0.9191 | 1 |
| BC | 20 | 7.683197 | 0.384160 | 0.531 | 0.9501 | 1 |
| ABC | 20 | 12.970106 | 0.648505 | 0.897 | 0.5919 | 1 |
| ERROR | 166 | 120.076765 | 0.723354 | | | |

FACTORIAL/POOLED ERROR AOV For GOSHI YIELD LB/A 3/Nov/2005 TY2 1

| SOURCE | DF | SUM OF SQUARES | MEAN SQUARE | F | Prob(F) | LSD (.05) |
|--------|-----|-----------------|----------------|-------|---------|-----------|
| Total | 251 | 52519056.423551 | | | | |
| R | 2 | 2614361.118739 | 1307180.559370 | 6.101 | 0.0028 | 141.4 |
| A | 1 | 436188.118714 | 436188.118714 | 2.036 | 0.1555 | 115.5 |
| B | 1 | 354681.438288 | 354681.438288 | 1.655 | 0.2000 | 115.5 |
| AB | 1 | 41531.842412 | 41531.842412 | 0.194 | 0.6603 | 163.3 |
| C | 20 | 4883015.406114 | 244150.770306 | 1.140 | 0.3145 | 374.2 |
| AC | 20 | 2507284.632811 | 125364.231641 | 0.585 | 0.9191 | 529.1 |
| BC | 20 | 2275641.035432 | 113782.051772 | 0.531 | 0.9501 | 529.1 |
| ABC | 20 | 3841539.059364 | 192076.952968 | 0.897 | 0.5919 | 748.3 |
| ERROR | 166 | 35564813.771677 | 214245.866094 | | | |

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LSU Northeast Research Station

| FACTORIAL/POOLED ERROR AOV For GOSHI 1ST HARVEST % 3/Nov/2005 T3 | | | | | | |
|--|-----|----------------|-------------|-------|---------|-----------|
| SOURCE | DF | SUM OF SQUARES | MEAN SQUARE | F | Prob(F) | LSD (.05) |
| Total | 251 | 12404.316975 | | | | |
| R | 2 | 418.423534 | 209.211767 | 4.309 | 0.0150 | 2 |
| A | 1 | 3.854262 | 3.854262 | 0.079 | 0.7785 | 2 |
| B | 1 | 33.014537 | 33.014537 | 0.680 | 0.4108 | 2 |
| AB | 1 | 28.476774 | 28.476774 | 0.587 | 0.4449 | 2 |
| C | 20 | 1235.821379 | 61.791069 | 1.273 | 0.2039 | 6 |
| AC | 20 | 543.448640 | 27.172432 | 0.560 | 0.9349 | 8 |
| BC | 20 | 637.119485 | 31.855974 | 0.656 | 0.8640 | 8 |
| ABC | 20 | 1444.484107 | 72.224205 | 1.488 | 0.0915 | 11 |
| ERROR | 166 | 8059.674257 | 48.552255 | | | |
| Column 9: T1 = ([7]+[8]) | | | | | | |
| Column 10: TY2 = 544.2279*[9] | | | | | | |
| Column 11: T3 = 100*(([7]/[9])) | | | | | | |