**BioEnt – Early Season Survey**  
Gary Manley 269-273-7070 or 269-816-1080

- **Date:** 5/10/2019
- **Field Name/Number:** GIRL  
**Grower:** MSY
- **Growth Stage:**  
- **Leaf Color Variance:**
  - 12-24
  - 24+

**ACTION:**
- **None Required**
- **Watch**
- **Yes, see comments**

### Comments:
- Planted May 1 - 2018
- Sprayed May 7-18
- early spike

### General Appearance
- **Size Variance:**
- **Vigor:**
  - Good
  - OK
  - Poor
  - General
  - Spotty

### Stress
- **Heat**
- **Moisture**
- **Nitrogen**
  - General
  - Spotty

### Stress-Chlorophyll
- **None**
- **Low**
- **High**
  - General
  - Spotty

### Weed Control
- **Good**
- **OK**
- **Poor**
- **Spotty**
- **Dense Spots**
  - Grasses
  - Broadleaves
  - Perennials

### Plant Population
- **Soil Moisture 0-12**
- **12-24**
- **24+**
- **%AWC**

### ACTION:
- **None Required**
- **Watch**
- **Yes, see comments**

### Comments:
- Planted May 1 - 2018
- Sprayed May 7-18
- early spike

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- **12-24**
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### ACTION:
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- Sprayed May 7-18
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### ACTION:
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- **OK**
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  - Grasses
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  - Perennials

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- **Soil Moisture 0-12**
- **12-24**
- **24+**
- **%AWC**

### ACTION:
- **None Required**
- **Watch**
- **Yes, see comments**

### Comments:
- Planted May 1 - 2018
- Sprayed May 7-18
- early spike
BioEnt – Early Season Survey  Gary Manley 269-273-7070 or 269-816-1080

☐ Seed Corn  ☐ Corn  ☐ Soybeans  ☐ Wheat  ☐ Green Beans  Date 5/10/2013

Field Name/Number: G2R1  Grower: MSY

General Appearance: Size: Variance: Leaf Color: Variance:


Vigor: ☐ Good  ☐ OK  ☐ Poor  ☐ General  ☐ Spotty

Stress:  ☐ Heat  ☐ Moisture  ☐ Nitrogen  ☐ General  ☐ Spotty

Stress-Chlorophyll:  ☐ None  ☐ Low  ☐ High  ☐ General  ☐ Spotty

Weed Control:  ☐ Good  ☐ OK  ☐ Poor  ☐ Spotty  ☐ Dense Spots

Comments:

Sprayed 5-8-18
Burn down
early die back.

ACTION:

☐ None Required
☐ Watch
☐ Yes, see comments

Annual Grasses AG
Foxtail F
Panicum -Fall FP
Quack grass QG
Wirestem Muhly WM
Marestail MT
Crabgrass CG
Johnsongrass JG
Shatercane SCA
Nutsedge NS
Winter Annuals WA
Chickweed CW
Biennials WB
Cover Crop CC
Velvetleaf VL
Cocklebur CBUR
Milkweed CM

Pigweed RRP
Horsenettle HN
Bindweed -Field FBW
Bindweed -Hedge HBW
Smartweed -Penn. PSM
Smart -Swamp SSM
Dogbane -Hemp HDB
Lambquarters LQU
Ragweed CRAG
Ragweed -Giant GRAG
Dock -Curly CD
Nightshade -Black BNS
Jimsonweed JW
Canada Thistle CTH
Yellow Rocket YR
Perennials P
Pokeweed PW

Germination
Emergence
Nutrient Deficiency
Soil Compaction:
Soil Surface:
Spots
General
Hard
Crusted
Standing Water
Small Spots
Large Spots
Herbicide damage
Emergence stress
Physiological Disorder in Corn
Yellowish whorl
Buggywip
Stalk bending
Twisted whorl
Doubles
Density
Variance
Growth
Variance
Plant spacing
Variance
Emergence
Variance
Soil Temperature

Cutworms CW
White Grubs WG
Armyworms AW
Flea Beetles FB
Stalkborers SB
Aphids A
Wireworms WW
Slugs S
Spider Mites SM
Leafhoppers LH
Seed Corn Maggots
Foliar Disease-Rust
Foliar Disease-Fungi
Corn Borer-%
Stunted plants

Root Damage
Insects
Diseases
Nematodes
Plants
Purplish
Yellowish
Stunting
### BioEnt – Early Season Survey

**Gary Manley 269-273-7070 or 269-816-1080**

<table>
<thead>
<tr>
<th>Field</th>
<th>Sowing</th>
<th>Date</th>
<th>Growth Stage</th>
<th>Field Name/Number</th>
<th>Grower</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seed Corn</td>
<td>□</td>
<td></td>
<td></td>
<td>B3R1-R5</td>
<td>MSU</td>
</tr>
<tr>
<td>Corn</td>
<td>□</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soybeans</td>
<td>□</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wheat</td>
<td>□</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green Beans</td>
<td>□</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General Appearance**
- Size: ________________
- Variance: ________________

**Leaf Color**
- Variance: ________________

**Plant Population**
- Soil Moisture: 0-12
- 12-24
- 24+

**ACTION:**
- None Required
- Watch
- Yes, see comments

**Comments:**
- Planted currently to cover crop for dairy forage.
- No other reports in this plot for 2018.

**Vigor:**
- □ Good
- □ OK
- □ Poor
- □ General
- □ Spotty

**Stress:**
- □ Heat
- □ Moisture
- □ Nitrogen
- □ General
- □ Spotty

**Stress-Chlorophyll:**
- □ None
- □ Low
- □ High
- □ General
- □ Spotty

**Weed Control:**
- □ Good
- □ OK
- □ Poor
- □ Spotty
- □ Dense Spots
- □ Grasses
- □ Broadleaves
- □ Perennials

**ACTION:**
- □ None Required
- □ Watch
- □ Yes, see comments

**Comments:**
- Planted currently to cover crop for dairy forage.
- No other reports in this plot for 2018.

**BioEnt – Early Season Survey**

**Field Name/Number:** B3R1-R5

**Grower:** MSU

**Date:** 5/10/2018

**Field Name/Number:** B3R1-R5

**Grower:** MSU

**Date:** 5/10/2018

**General Appearance**
- Size: ________________
- Variance: ________________

**Leaf Color**
- Variance: ________________

**Plant Population**
- Soil Moisture: 0-12
- 12-24
- 24+

**ACTION:**
- None Required
- Watch
- Yes, see comments

**Comments:**
- Planted currently to cover crop for dairy forage.
- No other reports in this plot for 2018.

**Vigor:**
- □ Good
- □ OK
- □ Poor
- □ General
- □ Spotty

**Stress:**
- □ Heat
- □ Moisture
- □ Nitrogen
- □ General
- □ Spotty

**Stress-Chlorophyll:**
- □ None
- □ Low
- □ High
- □ General
- □ Spotty

**Weed Control:**
- □ Good
- □ OK
- □ Poor
- □ Spotty
- □ Dense Spots
- □ Grasses
- □ Broadleaves
- □ Perennials

**ACTION:**
- □ None Required
- □ Watch
- □ Yes, see comments

**Comments:**
- Planted currently to cover crop for dairy forage.
- No other reports in this plot for 2018.

**Vigor:**
- □ Good
- □ OK
- □ Poor
- □ General
- □ Spotty

**Stress:**
- □ Heat
- □ Moisture
- □ Nitrogen
- □ General
- □ Spotty

**Stress-Chlorophyll:**
- □ None
- □ Low
- □ High
- □ General
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**Weed Control:**
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- □ OK
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- □ Dense Spots
- □ Grasses
- □ Broadleaves
- □ Perennials

**ACTION:**
- □ None Required
- □ Watch
- □ Yes, see comments

**Comments:**
- Planted currently to cover crop for dairy forage.
- No other reports in this plot for 2018.

**Vigor:**
- □ Good
- □ OK
- □ Poor
- □ General
- □ Spotty

**Stress:**
- □ Heat
- □ Moisture
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**Stress-Chlorophyll:**
- □ None
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- □ Poor
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- □ Grasses
- □ Broadleaves
- □ Perennials

**ACTION:**
- □ None Required
- □ Watch
- □ Yes, see comments

**Comments:**
- Planted currently to cover crop for dairy forage.
- No other reports in this plot for 2018.

**Vigor:**
- □ Good
- □ OK
- □ Poor
- □ General
- □ Spotty

**Stress:**
- □ Heat
- □ Moisture
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- □ Grasses
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**ACTION:**
- □ None Required
- □ Watch
- □ Yes, see comments

**Comments:**
- Planted currently to cover crop for dairy forage.
- No other reports in this plot for 2018.

**Vigor:**
- □ Good
- □ OK
- □ Poor
- □ General
- □ Spotty

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- □ Grasses
- □ Broadleaves
- □ Perennials

**ACTION:**
- □ None Required
- □ Watch
- □ Yes, see comments

**Comments:**
- Planted currently to cover crop for dairy forage.
- No other reports in this plot for 2018.
**BioEnt – Early Season Survey**

**Gary Manley 269-273-7070 or 269-816-1080**

- **Seed Corn**
- **Corn**
- **Soybeans**
- **Wheat**
- **Green Beans**

**Field Name/Number:** G4R1-R5

**Grower:** msy

**Growth Stage:**

**Date:** 5/10/2018

**General Appearance**

- Name/Number
- Li k?
- hs
- (Grower) 71-

**Plant Population**

- Size
- Variance
- Leaf Color
- Variance

**Vigor:**

- Good
- OK
- Poor

**Stress:**

- Heat
- Moisture
- Nitrogen

**Stress-Chlorophyll:**

- None
- Low
- High

**Weed Control:**

- Good
- OK
- Poor
- Spotty
- Dense Spots

**ACTION:**

- None Required

**Comments:**

Planted Currently to Corn Crop for Dairy forage - no other reports for 2015 growing season

---

**COMMENTS:**

- Annual Grasses AG
  - Pigweed RRP
- Foxtail F
- Panicum -Fall FP
- Bindweed -Field FBW
- Quack grass QG
- Bindweed -Hedge HBW
- Wirestem Muhly WM
- Smartweed -Penn. PSM
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- Chickgrass CW
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- Biannuals WB
- Jimsonweed JW
- Cover Crop CC
- Canada Thistle CTH
- Velvetleaf VL
- Yellow Rocket YR
- Cocklebur CBUR
- Perennials P
- Milkweed CM
- Pokeweed PW

**Germination**

- No
- 1/4" Root
- Spike PE

**Emergence**

- Breaking
- VC / V1

**Nutrient Deficiency**

- Spots
- General

**Soil Compaction:**

- Spots
- General
- Hard
- Crusted

**Standing Water**

- Small Spots
- Large Spots

**Herbicide damage**

- Emergence stress

**Physiological Disorder in Corn**

- Yellowish whorl

**Buggywip**

- Stalk bending
- Twisted whorl

**Doubles**

- %

**Density**

- Variance

**Grow**

- Variance

**Plant spacing**

- Variance

**Emergence**

- Variance

**Soil Temperature**

- 2”

**Root Damage**

- Insects
- Plants

**Plants**

- Purplish
- Diseases
- Yellowish
- Nematodes
- Stunting