**BioEnt Agricultural Consulting**  
**Gary Manley 269-273-7070 or 269-816-1080**

**CORN INSECT AND DISEASE REPORT**

 Grower: **MSG**  
 Field(s): **GIRY**  
 Date: **9/10/2015**

**Crop Stage:** **Full Dent**  
**Plant Height:** **24+**

**Soil Moisture 0-12":**  
VT: **0**  
Leaves: **Silk**  
% Pollination: **100**

**ACTION**
- [x] None Required
- [ ] Watch
- [ ] Yes, see below

**INSECT SPECIES**
- **Corn Borer**
- **WBCW**
- **W.C.Rootworm**
- **C. Ear Worm**
- **Spider Mites**
- **Japanese Beetle**

**LIFE STAGE**
- instar
- adults
- larvae

**EVALUATION**
- % plants affected
- Beetles/plant
- % ears affected
- % plants affected

**COMMENTS**

**DISEASES**
- Anthracnose
- NCLS - fungi
- Leaf Blight - fungi
- Rust

**PLT/PART Affected (sampled)**

**AFFECTED (range)**

**LESIONS square inch ear leaf**

**EVALUATION % Pits. Aff.**

**THRESHOLD B/N/A**

**DIST. G/S/L**

**Comments:**

**Uniformity**
- [ ] Poor
- [ ] General

**General Appearance**
- [x] Good

**Leaf Color**
- [ ] Low
- [ ] High

**Nitrogen Deficiency**
- [ ] None
- [ ] Low
- [ ] High

**Stress**
- [ ] Heat
- [ ] Moisture
- [ ] Nitrogen

**Stress-Chlorophyll**
- [ ] None
- [ ] Low
- [ ] High

**Weed Control**
- [ ] Good
- [ ] Ok
- [ ] Poor
- [ ] Spotty

**Grasses**
- [ ] Broadleaves
- [ ] Perennials

**Nitrogen Deficiency on lower leaves**
- [ ] Yes
- [ ] No

**Air Temperature**
- [ ] Cold
- [ ] Normal
- [x] Hot

**INSECT SPECIES**

**LIFE STAGE**

**EVALUATION**

**COMMENTS**

**DISEASES**

**PLT/PART**

**AFFECTED (range)**

**LESIONS square inch ear leaf**

**EVALUATION % Pits. Aff.**

**THRESHOLD B/N/A**

**DIST. G/S/L**

"dry down stage"
**BioEnt Agricultural Consulting**  
*Gary Manley 269-273-7070 or 269-816-1080*

**CORN INSECT AND DISEASE REPORT**

**Grower**:  

**Field(s)**:  

**Crop Stage**: Dent (leaky)  
**Plant Height**:  

**Soil Moisture 0-12"**: 55/60  
**12-24"**: 55/60  
**24+**: %AWC

**VT Leaves**:  
**Silk**: % Pollination: 100%  

**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  
☐ Grasses  
☐ Broadleaves  
☐ Perennials

**Nitrogen Deficiency on lower leaves**:  
☐ Yes  
☐ No

**Insect**

<table>
<thead>
<tr>
<th>SPECIES</th>
<th>LIFE STAGE</th>
<th>EVALUATION</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn Borer</td>
<td>instar</td>
<td>% plants affected</td>
<td></td>
</tr>
<tr>
<td>WBCW</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W.C. Rootworm</td>
<td>adults</td>
<td>Beetles/plant</td>
<td></td>
</tr>
<tr>
<td>C. Ear Worm</td>
<td>larvae</td>
<td>% ears affected</td>
<td></td>
</tr>
<tr>
<td>Spider Mites</td>
<td></td>
<td>% plants affected</td>
<td></td>
</tr>
<tr>
<td>Japanese Beetle</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Diseases**

<table>
<thead>
<tr>
<th>DISEASES</th>
<th>PLT/PART Affected (sampled)</th>
<th>AFFECTED (range)</th>
<th>LESIONS square inch ear leaf</th>
<th>EVALUATION % Plts. Aff.</th>
<th>THRESHOLD B/N/A</th>
<th>DIST. G/S/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracnose</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NCLS - fungi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leaf Blight - fungi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rust</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Comments:**
### BEAN INSECT AND DISEASE REPORT

**Date**: 9/10/2015  
**Grower**: MSU  
**Field(s)**: G3R4  
**Crop Stage**: R6/R6+  
**Plant Height**: 2-3'  
**Soil Moisture**: 0-6"  
55/60  
6-12"+  
55/60  
%AWC

#### Vigor:
- Good  
- Ok  
- Poor  
- General  
- Spotty

#### Stress:
- Heat  
- Moisture  
- General  
- Spotty

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

#### Weed Control:
- Good  
- Ok  
- Poor  
- Spotty  
- Grasses  
- Broadleaves  
- Perennials

#### INSECT SPECIES

<table>
<thead>
<tr>
<th>INSECT SPECIES</th>
<th>LIFE STAGE (ELPA)</th>
<th>EVALUATION</th>
<th>DIST. (S-G)</th>
<th>THRESHOLD</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Worms - Misc.</td>
<td>larvae</td>
<td>% plts affected</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japanese Beetle</td>
<td>adults</td>
<td>% leaf damage</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potato Leafhopper</td>
<td>nymphs</td>
<td># per leaf</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spider Mites</td>
<td>nymphs</td>
<td>% plants affected</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aphids</td>
<td>adults/nymphs</td>
<td># per plant</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aphids</td>
<td>Alatoid nymphs</td>
<td>% population</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aphids</td>
<td>Winged adults</td>
<td>% population</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>larvae adult</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>larvae adult</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural Enemies</td>
<td></td>
<td></td>
<td>L M H</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### DISEASES

<table>
<thead>
<tr>
<th>DISEASES</th>
<th>PLT/PART Affected (sampled)</th>
<th>Region AFFECTED (range)</th>
<th>EVALUATION</th>
<th>THRESHOLD</th>
<th>DIST. G/S</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downy Mildew</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White Mold</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common Blight</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SDS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charcoal Rot</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Comments:

- Uniformity: OK
- General Appearance: OK
- Leaf Color: Healthy, Yellowing
- Deficiency: OK
- Total Leaf Damage: Low %
- Round-up Seed: Yes

- Natural Enemies: L M H

**BioEnt Agricultural Consulting**  
Gary Manley 269-273-7070 or 269-816-1080

**Rev 02-01-12**
**BioEnt Agricultural Consulting**  
Gary Manley 269-273-7070 or 269-816-1080  
**CORN INSECT AND DISEASE REPORT**

**Grower:** M S Y  
**Date:** 7/10/2015  
**Field(s):** G 4 R 4

**Crop Stage:** Dent (early)  
**Plant Height:** 
**Soil Moisture:** 0-12" 55/60  
12-24" 55/60  
24+  
**%AWC:** 

**VT**  
**Leaves**: 100  
**Silk**: 100  
**% Pollination**: 100  
**Plant Height**:  

**Vigor:** □ Good  
□ Ok  
□ Poor  
□ General  
□ Spotty  

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

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

**Weed Control:** □ Grasses  
□ Broadleaves  
□ Perennials  

**Nitrogen Deficiency on lower leaves:** □ Yes  
□ No

**INSECT SPECIES**  
**LIFE STAGE**  
**EVALUATION**  
**COMMENTS**

<table>
<thead>
<tr>
<th>Insect</th>
<th>Life Stage</th>
<th>Evaluation</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn Borer</td>
<td>instar</td>
<td>% plants affected</td>
<td></td>
</tr>
<tr>
<td>WBCW</td>
<td>adults</td>
<td>Beetles/plant</td>
<td></td>
</tr>
<tr>
<td>W.C.Rootworm</td>
<td>larvae</td>
<td>% ears affected</td>
<td></td>
</tr>
<tr>
<td>C. Ear Worm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spider Mites</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japanese Beetle</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DISEASES**  
**PLT/PART Affected (sampled)**  
**AFFECTED (range)**  
**LESIONS square inch ear leaf**  
**EVALUATION % Pits. Aff.**  
**THRESHOLD B/N/A**  
**DIST. G/S/L**

<table>
<thead>
<tr>
<th>Disease</th>
<th>PLT/PART Affected (sampled)</th>
<th>AFFECTED (range)</th>
<th>LESIONS square inch ear leaf</th>
<th>EVALUATION % Pits. Aff.</th>
<th>THRESHOLD B/N/A</th>
<th>DIST. G/S/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracnose</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NCLS - fungi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leaf Blight - fungi</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rust</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Comments:**

Rev 02-01-12