**BioEnt Agricultural Consulting**  
**Gary Manley 269-273-7070**

**CORN INSECT AND DISEASE REPORT**

<table>
<thead>
<tr>
<th>Grower</th>
<th>GY9U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field(s)</td>
<td>G1R5</td>
</tr>
</tbody>
</table>

**Date:** 21 July 2007  
**Crop Stage:**  
**Plant Height:**

<table>
<thead>
<tr>
<th>Soil Moisture</th>
<th>0-12&quot;</th>
<th>12+&quot;</th>
<th>%AWC</th>
</tr>
</thead>
<tbody>
<tr>
<td>VT</td>
<td>Leaves</td>
<td>Silk</td>
<td>% Pollination</td>
</tr>
</tbody>
</table>

**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

**INSECT SPECIES**  
**LIFE STAGE (ELPA)**  
**EVALUATION**  
**DIST.**  
**THRESHOLD**  
**COMMENTS**

<table>
<thead>
<tr>
<th>INSECT SPECIES</th>
<th>LIFE STAGE (ELPA)</th>
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<th>THRESHOLD</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>Corn Borer</td>
<td>larvae</td>
<td>% plants affected</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armyworm</td>
<td>larvae</td>
<td>% plants affected</td>
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<tr>
<td>W.C.Rootworm</td>
<td>adults</td>
<td>Beetles/plant</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>C. Ear Worm</td>
<td>larvae</td>
<td>% ears affected</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spider Mites</td>
<td></td>
<td>% plants affected</td>
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</tbody>
</table>

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

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<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>
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<tbody>
<tr>
<td>Anthracnose</td>
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<tr>
<td>NCLS</td>
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<td>LB Leaf Blight</td>
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<tr>
<td>Rust</td>
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</tbody>
</table>

**Comments:**  
Plants dead - dry < 50%  
Black layer -
## Corn Insect and Disease Report

**Grower:** MSU  
**Field(s):** G2P  

**Date:** 9/21/2017  
**Crop Stage:**  
**Plant Height:**  
**Soil Moisture:**  
- 0-12"  
- 12+"  
- % AWC  

**Leaves** | **Silk** | **% Pollination** | **ACTION**  
---|---|---|---  
**VT** | | |  

**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  

**INSECT SPECIES** | **LIFE STAGE (ELPA)** | **EVALUATION** | **DIST.** | **THRESHOLD** | **COMMENTS**  
---|---|---|---|---|---  
Corn Borer | larvae | % plants affected | | |  
Armyworm | larvae | % plants affected | | |  
W.C. Rootworm | adults | Beetles/plant | | |  
C. Ear Worm | larvae | % ears affected | | |  
Spider Mites | | % plants affected | | |  

**DISEASES** | **PLT/PART Affected (sampled)** | **AFFECTED (range)** | **LESIONS square inch ear leaf** | **EVALUATION % Plts. Aff.** | **THRESHOLD B/N/A** | **DIST. G/S/L**  
---|---|---|---|---|---|---  
Anthracnose | | | | | |  
NCLS | | | | | |  
LB Leaf Blight | | | | | |  
Rust | | | | | |  

**Comments:**  
Plants dry - finish off due to dryness  
AWC < 50% - not black layered but dry & withering
## Insect and Disease Report

**Grower:** 3M4  
**Field Name:** 6325

**Date:** 9/12/17  
**Crop Stage:**  
**Ave. (n=5) Stand Count:**  
**Soil Moisture:**  
**%AWC:**

**Sun PC Cloudy:** Temp Time Wind Speed H M L N

<table>
<thead>
<tr>
<th>Stress</th>
<th>Heat</th>
<th>Moisture</th>
<th>Nitrogen</th>
<th>General</th>
<th>Spotty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stress-Chlorophyll</td>
<td>None</td>
<td>Low</td>
<td>High</td>
<td>General</td>
<td>Spotty</td>
</tr>
</tbody>
</table>

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

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

**Total Leaf Damage:**  
**Round-up Seed:** Yes No

### Insect Species

<table>
<thead>
<tr>
<th>Insect Species</th>
<th>Life Stage (ELPA)</th>
<th>Evaluation</th>
<th>DIST. (S-G)</th>
<th>Threshold actual</th>
<th>proj.</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Worms</td>
<td>larvae</td>
<td>% plots affected</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Japanese Beetle</td>
<td></td>
<td>% leaf damage</td>
<td></td>
<td></td>
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<tr>
<td>Potato Leafhopper</td>
<td>nymphs</td>
<td># per leaf</td>
<td></td>
<td></td>
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<tr>
<td>Spider Mites</td>
<td>nymphs</td>
<td>% plants affected</td>
<td></td>
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<tr>
<td>Aphids</td>
<td>adults</td>
<td># per plant</td>
<td></td>
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<tr>
<td>Aphids</td>
<td>Alatoid Nymphs</td>
<td>% population</td>
<td></td>
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<tr>
<td>Aphids</td>
<td>Winged Adults</td>
<td>% population</td>
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<tr>
<td>Other</td>
<td>larvae adult</td>
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<tr>
<td>Natural Enemies</td>
<td>larvae adult</td>
<td>L M H</td>
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### Diseases

<table>
<thead>
<tr>
<th>Diseases</th>
<th>PLT/PART Affected (sampled)</th>
<th>Region Affected (range)</th>
<th>EVALUATION % Plts. Aff.</th>
<th>THRESHOLD B/N/A</th>
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<tr>
<td>Common Blight</td>
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<tr>
<td>Downy Mildew</td>
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<tr>
<td>White Mold</td>
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<td>Virus</td>
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<td>Pod Anomalies</td>
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**Comments:**

Dry down stage  
75% leaf damage  
Very dry conditions  
25% AWC
**CORN INSECT AND DISEASE REPORT**

**Grower:** MSU  
**Field(s):** 4R5

**Date:** 9/21/2021  
**Crop Stage:** DENT  
**Plant Height:**

**Soil Moisture:**
- 0-12" %AWC
- 12+" %AWC

**VT:** Leaves  
**Silk:** % Pollination: good / fair / poor

**Vigor:**
- Good
- Ok
- Poor

**Stress:**
- Heat
- Moisture
- Nitrogen

**Stress-Chlorophyll:**
- None
- Low
- High

**Weed Control:**
- Good
- Ok
- Poor
- Spotty
- Grasses
- Broadleaves
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**INSECT SPECIES**  
**LIFE STAGE (ELPA):**
- Com Borer larvae
- Armyworm larvae
- W.C. Rootworm adults
- C. Ear Worm larvae
- Spider Mites

**EVALUATION:**
- % plants affected

**DIST.**  
**THRESHOLD**  
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**AFFECTED (range):**  
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**Comments:**

- Black layer + 7 - 10 days.
- Corn finishing off leaves mostly brown.
- Very dry < 50% AWC.