**BioEnt Agricultural Consulting**

**CORN INSECT AND DISEASE REPORT**

Grower: [Name]

Field(s): TIR 1 - corn

Crop Stage: Milk

Plant Height: __

Soil Moisture 0-12": 50/60

12-24": 50/60

24+: __

%AWC: __

VT: [Blanks]

Leaves: [Blanks]

Silk: [Blanks]

% Pollination: 100

good / fair / poor

**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 SPECIES**

<table>
<thead>
<tr>
<th>INSECT 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>
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</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</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>None</td>
</tr>
<tr>
<td>NCLS - fungi</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Leaf Blight - fungi</td>
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<tr>
<td>Rust</td>
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</tbody>
</table>

**Comments:**

Leaf brown (dead) to scar brown in spots
in general bottom 1/2y plant brown

due to dry conditions

Rev 02-01-12
### Corn Insect and Disease Report

**Grower:** MSU  
**Date:** 8/14/2014

**Field(s):** T2R1 - corn

**Crop Stage:** Late milk  
**Plant Height:** 6"  
**Soil Moisture 0-12"**
- 50/60  
- 50/60  
- 50/60  
**Soil Moisture 12-24"**
- 24+  
**Soil Moisture 24+**
- %AWC

<table>
<thead>
<tr>
<th>VT</th>
<th>Leaves</th>
<th>Silk</th>
<th>% Pollination</th>
<th>good / fair / poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vigor:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
- 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

| Uniformity: | mixed |
| General Appearance: | ok |
| Leaf Color: | ok |
| Nitrogen Deficiency: | ok |
| Air Temperature: | 70° | 5°F |

#### Insect Species

<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>
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<td>adults</td>
<td>Beetles/plant</td>
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<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>
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</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>
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<tbody>
<tr>
<td>Anthracnose</td>
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</tbody>
</table>

**Comments:**

Leaves die back. Common ear leaf 5-6.  
Some spots burned to ear leaf due to dry conditions.
BioEnt Agricultural Consulting  Gary Manley 269-273-7070 or 269-816-1080
CORN INSECT AND DISEASE REPORT

Grower: MSU  Date: 8/14/2014
Field(s): T3R1 - corn

Crop Stage: Early milk to milk  Plant Height: __________
Soil Moisture 0-12": 50/60  12-24"  50/60  24+  %AWC

VT ______ Leaves  Silk ________ % Pollination _______ good / fair / poor

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

Uniformity:   Mixed
General Appearance:   Mixed
Leaf Color:   Ok
Nitrogen:  Ok
Deficiency:   __________
Air Temperature:  76.5°F  Cold  Normal  Hot

INSECT SPECIES  LIFE STAGE  EVALUATION  COMMENTS

- Corn Borer  instar  % plants affected
- WBCW  ___________________________
- W.C. Rootworm  adults  Beetles/plant
- C. Ear Worm  larvae  % ears affected
- Spider Mites  ___________________________
- Japanese Beetle  ___________________________

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 - fungi
- Leaf Blight - fungi
- Rust

None

Comments:
Bottom leaves burned (dead) in spots to entire leaf brown to near dead leaf in general. Scattered dead bare plants. due to dry conditions.
### BioEnt Agricultural Consulting

**CORN INSECT AND DISEASE REPORT**

Grower: 3754  
Date: 5/14/2014  
Field(s): [4R1 - Corn]

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

**Crop Stage:** Pollination  
**Plant Height:** [ ]

**Soil Moisture 0-12"**  
0-6" 12-24" 24+  
[ ] %AWC

**VT**  
Leaves Silky 100% Pollination [ ]

**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

**Uniformity:** Mixed

**General Appearance:** Ok

**Leaf Color:** Ok

**Nitrogen Deficiency:** [ ]

**Air Temperature:** 70°F

### INSECT SPECIES

<table>
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<tr>
<th>Insect Species</th>
<th>Life Stage</th>
<th>Evaluation</th>
<th>Comments</th>
</tr>
</thead>
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<td>Corn Borer</td>
<td>Instar</td>
<td>% plants affected</td>
<td></td>
</tr>
<tr>
<td>WBCW</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>C. Ear Worm</td>
<td>Larvae</td>
<td>% ears affected</td>
<td></td>
</tr>
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<td>Spider Mites</td>
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<td>% plants affected</td>
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<td>Japanese Beetle</td>
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### DISEASES

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<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>
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<tbody>
<tr>
<td>Anthracnose</td>
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</table>

**Comments:**

Annual grass scattered  
Some Ragweed  
Some scattered Dogtrot in flowers  
Lot of Myrtle starting  
Bottom leaves yellowing due to dry conditions  
What's leaves ear leaf
Harvest
very little vegetative
condition -
alfalfa harvest a week ago.
**BioEnt Agricultural Consulting**  Gary Manley 269-273-7070 or 269-816-1080
**CORN INSECT AND DISEASE REPORT**

**Grower:** MSU  
**Date:** 8/14/2014

**Field(s):** N Rate Irrigated

<table>
<thead>
<tr>
<th>Crop Stage</th>
<th>Plant Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milk</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Soil Moisture 0-12&quot;</th>
<th>24+</th>
</tr>
</thead>
<tbody>
<tr>
<td>95/80</td>
<td>75/80</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>VT</th>
<th>Leaves</th>
<th>Silk</th>
<th>% Pollination</th>
<th>good / fair / poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**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

**Uniformity:**  
- Good

**General Appearance:**  
- Ok

**Leaf Color:**  
- Ok

**Nitrogen Deficiency:**  
- Ok

<table>
<thead>
<tr>
<th>Air Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>70°F</td>
</tr>
</tbody>
</table>

**INSECT SPECIES**  
- Corn Borer (instar)
- WBCW
- W.C. Rootworm (adults)
- C. Ear Worm (larvae)
- Spider Mites
- Japanese Beetle

**LIFE STAGE**  
- % plants affected
- Beetles/plant
- % ears affected
- % plants affected

**EVALUATION**  
- Feeding on lower 1-4 leaves

**COMMENTS**  

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

**PLT/PART Affected (sampled)**

**AFFECTED (range)**

**LESIONS square inch ear leaf**

**EVALUATION % Ptils. Aff.**

**THRESHOLD B/N/A**

**DIST. G/S/L**

**Comments:**  
- Little or minor bottom leaf burn between F 5/16
- Gone by F 7

Rev 02-01-12
BioEnt Agricultural Consulting  
GOT

 CORN INSECT AND DISEASE REPORT
Grower N. R.
Field(s) MSU

ACTION
☑ None Required  ☐ Watch  ☑ Yes, see below

Crop Stage milk Plant Height
Soil Moisture 0-12" 50/60 12-24" 50/60 24+ %AWC

VT Leaves Silk % Pollination 10
good fair poor

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

Uniformity mixed
General Appearance mixed
Leaf Color  Ok
Nitrogen  Ok
Deficiency  Ok
Air Temperature  80°F Normal Hot

INSECT SPECIES  LIFE STAGE  EVALUATION  COMMENTS
Corn Borer  instar  % plants affected
WBCW  
W.C.Rootworm  adults  Beetles/plant
C. Ear Worm  larvae  % ears affected
Spider Mites  
Japanese Beetle  

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

Comments:
Bottom leaves brown/dead due to dry conditions of soil.
Some spots leaves dead to necrotic leaf.

Rev 02-01-12