## BioEnt Agricultural Consulting
**CORN INSECT AND DISEASE REPORT**

**Grower**: M.S.Y.  
**Date**: 8/27/2015

**Field(s)**: G.B.Z

<table>
<thead>
<tr>
<th>Crop Stage</th>
<th>Plant Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>VT</td>
<td>Leaves</td>
</tr>
<tr>
<td></td>
<td>Silk</td>
</tr>
<tr>
<td></td>
<td>% Pollination</td>
</tr>
<tr>
<td></td>
<td>good / fair / poor</td>
</tr>
</tbody>
</table>

### Soil Moisture
- 0-12" 60
- 12-24" 65
- 24+ 3%

### ACTION
- None Required
- Watch
- Yes, see below

### 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

### Air Temperature
- Cold
- Normal
- Hot

### 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>
<td></td>
</tr>
</tbody>
</table>

### Diseases

<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 % 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:

- General - up to ear leaf
- 100% of plants affected - moderate
BioEnt Agricultural Consulting  Gary Manley 269-273-7070 or 269-816-1080
CORN INSECT AND DISEASE REPORT
Grower  MSU  Date  8/12/2015
Field(s)  2P3

Crop Stage  Late Dough/Early Dent  Plant Height
Soil Moisture 0-12"  12-24"  24+  %AWC
VT  0  Leaves  Silk  100  % 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  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

Comments:
### BioEnt Agricultural Consulting

**BEAN INSECT AND DISEASE REPORT**

**Date:** 6/21/2015

**Grower:**

**Field(s):** C3R3

**Crop Stage:** R5 to R6

**Plant Height:** 2-3 ft.

**Soil Moisture:**
- 0-6" 60-65%
- 6-12"+ 65-70%

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

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

### Stress:
- Heat
- Moisture
- No Stress

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

### Weed Control:
- Good
- Ok
- Poor
- Spotty

- Grasses
- Broadleaves
- Perennials

### INSECT SPECIES

<table>
<thead>
<tr>
<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>% pts affected</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japanese Beetle</td>
<td>adults</td>
<td>% leaf damage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potato Leafhopper</td>
<td>nymphs</td>
<td># per leaf</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spider Mites</td>
<td>nymphs</td>
<td>% plants affected</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aphids</td>
<td>adults/nymphs</td>
<td># per plant</td>
<td></td>
<td>Few scattered only</td>
</tr>
<tr>
<td>Aphids</td>
<td>Alataid nymphs</td>
<td>% population</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aphids</td>
<td>Winged adults</td>
<td>% population</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Aphids</td>
<td>larvae/adult</td>
<td></td>
<td></td>
<td>Few scattered about</td>
</tr>
<tr>
<td>Natural Enemies</td>
<td>larvae/adult</td>
<td></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 % Pts. Aff.</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>general</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White Mold</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Common Blight</td>
<td></td>
<td></td>
<td>scattered - low level</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>SDS</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Charcoal Rot</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Other</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
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</table>

**Comments:**
CORN INSECT AND DISEASE REPORT

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

MSY 5-12-2015

ACTION

None Required
Watch
Yes, see below

Crop Stage

Soil Moisture 0-12" 12-24" 24+

VT Leaves Silk % Pollination

%AWC

Leaves

Silk

% Pollination

ACTION

None Required
Watch
Yes, see below

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

LIFE STAGE

EVALUATION

COMMENTS

Corn Borer

instar
%

plants affected

WBCW

W.C.Rootworm

adults

Beetles/plant

C. Ear Worm

larvae
%

ears affected

Spider Mites

% plants affected

Japanese Beetle

DISEASES

PLT/PART Affected

AFECTED

LESIONS

EVALUATION

THRESHOLD

DIST.

Affected

(range)

square inch

% Plts. Aff.

B/N/A

G/S/L

Anthracnose

NCLS - fungi

Leaf Blight - fungi

Rust

Comments:

Comments: