**BioEnt Agricultural Consulting**

**BEAN INSECT AND DISEASE REPORT**

<table>
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<tr>
<th>Field(s)</th>
<th>TIR2</th>
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<tbody>
<tr>
<td>Crop Stage</td>
<td>R3</td>
</tr>
<tr>
<td>Soil Moisture</td>
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**INSECT SPECIES**

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<tr>
<th>INSECT SPECIES</th>
<th>LIFE STAGE (ELPA)</th>
<th>EVALUATION</th>
<th>DIST. (S-G)</th>
<th>THRESHOLD</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>Worms - misc</td>
<td>larvae</td>
<td>% plts affected</td>
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<tr>
<td>Japanese Beetle</td>
<td>adults</td>
<td>% leaf damage</td>
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<tr>
<td>Potato Leafhopper</td>
<td>nymphs</td>
<td># per leaf</td>
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<tr>
<td>Spider Mites</td>
<td>nymphs</td>
<td>% plants affected</td>
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<tr>
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<td>adults/nymphs</td>
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<td>Aphids</td>
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<td>L M H</td>
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<tr>
<th>DISEASES</th>
<th>PLT/PART Affected (sampled)</th>
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<th>EVALUATION % Plts. Aff.</th>
<th>THRESHOLD</th>
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<tbody>
<tr>
<td>Downy Mildew</td>
<td>general Mildew</td>
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**Comments:**
**BioEnt Agricultural Consulting**  
Gary Manley 269-273-7070 or 269-816-1080

**BEAN INSECT AND DISEASE REPORT**

Date **5/16/2018**  
Grower **MSU**  
Field(s) **T2R2**  
Crop Stage **R3**  
Plant Height **2'-3'**  
Soil Moisture 0-6" **60%AWC**

**INSECT SPECIES** | **LIFE STAGE (ELPA)** | **EVALUATION** | **DIST. (S-G)** | **THRESHOLD** | **COMMENTS**
---|---|---|---|---|---
Worms - misc | larvae | % plt affected |  |  |  
Japanese Beetle | adults | % leaf damage |  |  |  
Potato Leafhopper | nymphs | # per leaf |  |  |  
Spider Mites | nymphs | % plants affected |  |  |  
Aphids | adults/nymphs | # per plant |  |  |  
Aphids | Alatoid nymphs | % population |  |  |  
Aphids | Winged adults | % population |  |  |  
Other | larvae adult |  |  |  |  
Other | larvae adult |  |  |  |  
Natural Enemies |  |  |  | L M H |  

**DISEASES** | **PLT/PART Affected (sampled)** | **Region AFFECTED (range)** | **EVALUATION % Plts. Aff.** | **THRESHOLD** | **DIST. G/S** | **COMMENTS**
---|---|---|---|---|---|---
Downy Mildew |  |  |  |  |  |  
White Mold |  |  |  |  |  |  
Common Blight | leaves |  |  |  |  |  
SDS |  |  |  |  |  |  
Charcoal Rot |  |  |  |  |  |  
Other |  |  |  |  |  |  
Other |  |  |  |  |  |  

Comments:
**BioEnt Agricultural Consulting**  
**BEAN INSECT AND DISEASE REPORT**

**Date:** 8/11/2018  
**Grower:** M6U  
**Field(s):** R3  
**Crop Stage:** P3  
**Plant Height:** 6"  
**Soil Moisture:** 0-6"  
**%AWC:** 60  
**Stress:** Heat  
**Stress-Chlorophyll:** None  
**Weed Control:** Good  

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### INSECT SPECIES

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**Comments:**

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

**Uniformity:** 90%
**General Appearance:** 90%
**Leaf Color:** 90%
**Deficiency:**

**Total Leaf Damage:** 50%
BioEnt Agricultural Consulting  Gary Manley 269-273-7070 or 269-816-1080

BEAN INSECT AND DISEASE REPORT

Date 8/16/2015

Grower: M5Y

Field(s): T4R2

Crop Stage: R3

Plant Height: 32"

Soil Moisture: 0-6" 60% 6-12" 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

Uniformity: ☑️

General Appearance: ☑️

Leaf Color: ☑️

Deficiency: ☑️

Total Leaf Damage: ☑️

Round-up Seed: ☑️ Yes  ☐ No

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

DISEASES | PLT/PART Affected (sampled) | Region AFFECTED (range) | EVALUATION % Plts. Aff. | THRESHOLD | DIST. G/S | COMMENTS
---|---|---|---|---|---|---
Downy Mildew | | | | | | 
White Mold | | | | | | 
Common Blight | | | | | | 
SDS | | | | | | 
Charcoal Rot | | | | | | 
Other | | | | | | 
Other | | | | | | 

Comments: Some In row weeds - Control good - Scattered Ragweed/ Foxtail/ Velvetleaf/ Dog bane

TYR6 - Spot on field yellowing leaves - Also some brown on margins - Maybe Potassium deficiency
**BioEnt Agricultural Consulting**  Gary Manley 269-273-7070 or 269-816-1080

**BEAN INSECT AND DISEASE REPORT**

**Date:** 8/16/2018

**Grower:** MSU

**Field(s):**

**Crop Stage**

**Plant Height**

**Soil Moisture 0-6”**

**6-12”+**

**%AWC**

<table>
<thead>
<tr>
<th>Vigor:</th>
<th>Good</th>
<th>Ok</th>
<th>Poor</th>
<th>General</th>
<th>Spotty</th>
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<tbody>
<tr>
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<td>Moisture</td>
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<tr>
<td>Stress-Chlorophyll:</td>
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<td>High</td>
<td>General</td>
<td>Spotty</td>
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<td>Broadleaves</td>
<td>Perennials</td>
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**ACTION**

- None Required
- Watch
- Yes, see below

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**INSECT SPECIES** | **LIFE STAGE (ELPA)** | **EVALUATION** | **DIST. (S-G)** | **THRESHOLD** | **COMMENTS**
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**DISEASES** | **PLT/PART Affected (sampled)** | **Region Affected (range)** | **EVALUATION** | **% Plts. Aff.** | **THRESHOLD** | **DIST. G/S** | **COMMENTS**
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**Comments:**

WEED Control good / Control better / Planting
**BioEnt Agricultural Consulting**  Gary Manley 269-273-7070 or 269-816-1080

**BEAN INSECT AND DISEASE REPORT**

**Date**: 6/16/2018  
**Grower**:  
**Field(s)**:  
**Crop Stage**: R3  
**Plant Height**: 34-36"  
**Soil Moisture 0-6"**: 75%  
**6-12"+**: 80%  

**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** | **LIFE STAGE** (ELPA) | **EVALUATION** | **DIST.** (S-G) | **THRESHOLD** | **COMMENTS**
--- | --- | --- | --- | --- | ---
Worms - misc | larvae | % pts affected |  
Japanese Beetle | adults | % leaf damage |  
Potato Leafhopper | nymphs | # per leaf |  
Spider Mites | nymphs | % plants affected |  
Aphids | adults/nymphs |  
Aphids | Alatoid nymphs | % population |  
Aphids | Winged adults | % population |  
Other | larvae | adult |  
Other | larvae | adult |  
Natural Enemies |  | L M H |  

**DISEASES** | **PLT/PART Affected** (sampled) | **Region Affected** (range) | **EVALUATION % Plts. Aff.** | **THRESHOLD** | **DIST. G/S** | **COMMENTS**
--- | --- | --- | --- | --- | --- | ---
Downy Mildew |  
White Mold |  
Common Blight |  
SDS |  
Charcoal Rot |  
Other |  
Other |  

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

**Date:** 8/16/2018  
**Grower:** M5Y

**Field(s):**  
**Crop Stage:**  
**Plant Height:** 24-30"

**Soil Moisture:**  
- 0-6": 60
- 6-12":+ 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

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</table>

**Comments:**