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

**BEAN INSECT AND DISEASE REPORT**

Date: 8/12/2018

**Grower:** [msu]

**Field(s):** [TIRI]

**Crop Stage:** [R1+]

**Plant Height:** [14-16]

**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 [☐]

**General Appearance:**
- Leaf Color [☐]
- Deficiency [☐]

**Total Leaf Damage**
- %

**Round-up Seed:**
- Yes [☐]
- No [☐]

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### 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>
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</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>
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</tr>
<tr>
<td>Spider Mites</td>
<td>nymphs</td>
<td>% plants affected</td>
<td></td>
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</tr>
<tr>
<td>Aphids</td>
<td>adults/nymphs</td>
<td># per plant</td>
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</tr>
<tr>
<td>Aphids</td>
<td>Alatoid nymphs</td>
<td>% population</td>
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</tr>
<tr>
<td>Aphids</td>
<td>Winged adults</td>
<td>% population</td>
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<tr>
<td>Other</td>
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<tr>
<td>Natural Enemies</td>
<td>larvae adult</td>
<td></td>
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</tbody>
</table>

**Stress-Chlorophyll:**
- None [☑]
- Low [☐]
- High [☐]
- General [☐]
- Spotty [☐]

**Stress:**
- Heat [☐]
- Moisture [☐]
- General [☐]
- Spotty [☐]

**General Appearance:**
- Leaf Color [☐]
- Deficiency [☐]

**Total Leaf Damage**
- %

**Round-up Seed:**
- Yes [☐]
- No [☐]

**Comments:**

---

**DISEASES**

<table>
<thead>
<tr>
<th>DISEASES</th>
<th>PLT/PART Affected (sampled)</th>
<th>Region Affected (range)</th>
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<th>THRESHOLD</th>
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<tbody>
<tr>
<td>Downy Mildew</td>
<td>[generale]</td>
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<tr>
<td>White Mold</td>
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<tr>
<td>Common Blight</td>
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</table>

**Comments:**

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Rev.02-01-12
### BEAN INSECT AND DISEASE REPORT

**Date:** 8/2/2014  
**Grower:** M5U  
**Field(s):** 72P1  
**Crop Stage:** B3  
**Plant Height:** 20-24"  
**Soil Moisture:** 0-6" 0  
**6-12"+ 0  
**%AWC:**  

### INSECT SPECIES

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<td>Worms - misc</td>
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<td>% plants affected</td>
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### ACTION

- None Required
- Watch
- Yes, see below

**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:** Ok

**General Appearance:** Good

**Leaf Color:** Good

**Deficiency:** None

**Total Leaf Damage:** Low

**Round-up Seed:** Yes

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

**Date:** 8/13/2018  
**Grower:**  
**Field(s):**  73R1  
**Crop Stage:** R  
**Plant Height:** 12-14"  
**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  

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

- **Worms - misc**  
  - larvae  
  - % plants 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**  

- **Bewny Mildew**  
  - Scattered - Common  

- **White Mold**  

- **Common Blight**  

- **SDS**  

- **Charcoal Rot**  

- **Other**  

- **Other**  

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

BEAN INSECT AND DISEASE REPORT

Date 9/2/2016
Grower NGU
Field(s) TURI
Crop Stage R1 Plant Height 12-14
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

INSECT SPECIES | LIFE STAGE (ELPA) | EVALUATION | DIST. (S-G) | THRESHOLD | COMMENTS
---|---|---|---|---|---
Worms - misc larvae | % plants 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 larva, adult

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: Good weed control - Some in row vag cropland scattered large dogbane plants.
# BEAN INSECT AND DISEASE REPORT

**Date:** 6/12/2016

**Grower:** MSU

**Field(s):** TFE 1

**Crop Stage:** Full Crop

**Soil Moisture:** 0-6" 6-12"+ %AWC

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<td>larvae adult</td>
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</table>

**Comments:**

Control weed prior to planting. Switch grass will be planted in Oct.
**BioEnt Agricultural Consulting**

**BEAN INSECT AND DISEASE REPORT**

**Date:** Aug 2 2018

**Grower:** MSU

**Field(s):** 23

**Crop Stage:** Plant Height 24-30

**Soil Moisture:** 0-6" 70/70 6-12"+ 70/75 %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:**
- Good

**General Appearance:**
- Good

**Leaf Color:**
- Good

**Deficiency:**
- None

**Total Leaf Damage:**
- Low

**Round-up Seed:**
- Yes
- No

**INSECT SPECIES**

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<tr>
<td>Japanese Beetle adults</td>
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<td>% leaf damage</td>
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<tr>
<td>Potato Leafhopper nymphs</td>
<td>nymphs</td>
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<tr>
<td>Spider Mites nymphs</td>
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<td>Aphids adults/nymphs</td>
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<tr>
<td>Aphids Alatoid nymphs</td>
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<td>% population</td>
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<tr>
<td>Aphids Winged adults</td>
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<td>% population</td>
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<tr>
<td>Other larvae adult</td>
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<tr>
<td>Downy Mildew</td>
<td>general</td>
<td>100% plants</td>
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<td>Common Blight</td>
<td>general on leaves</td>
<td>Spotty</td>
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</table>

**Comments:**

Good moisture levels - No stress showing
### BioEnt Agricultural Consulting

**Date:** 12-1-2014

**Grower:** MSH

**Field(s):** Non-Irrigated

**Crop Stage:** R3

**Plant Height:** 20-24

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

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### DISEASES

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<th>Region Affected (range)</th>
<th>EVALUATION % Plts. Aff.</th>
<th>THRESHOLD</th>
<th>DIST. G/S</th>
<th>COMMENTS</th>
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### COMMENTS:

Rev 02-01-12