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

BEAN INSECT AND DISEASE REPORT

Date  6/30/2018
Grower  MSY
Field(s)  7123
Crop Stage  RC
Plant Height  2-3

Soil Moisture  0-6"%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 | % pts affected | |
Japanese Beetle | adults | % leaf damage | |
Potato Leafhopper | nymphs | # per leaf | |
Spider Mites | nymphs | % plants affected | |
Aphids | adults | # per plant |
Aphids | Alatoid nymphs | % population |
Aphids | Winged adults | % population |
Other | larvae | |
Other | adult |
Natural Enemies | Ladybird Beetles |

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: deep part of field starting to yellow - mature.
**BioEnt Agricultural Consulting**

**BEAN INSECT AND DISEASE REPORT**

**Date:** 8/30/2018  
**Grower:** MSY  
**Field(s):** T2R3  
**Crop Stage:**  
**Plant Height:** 2-3"  
**Soil Moisture 0-6":** 70  
**12"+:** 70  
**%AWC:**

### Vigor
- Good ✓  
- Ok  
- Poor ✓

### Stress
- Heat      ✓  
- Moisture  ✓

### Stress-Chlorophyll
- None     ✓  
- Low      〇  
- High     〇

### Weed Control
- Good     ✓  
- Ok       〇  
- Poor     〇  
- Spotty   〇

### Weed Type
- Grasses   〇  
- Broadleaves  〇  
- Perennials  〇

### Uniformity
- General  〇  
- Spotty   〇

### General Appearance
- General  〇  
- Spotty   〇

### Leaf Color
- General  〇  
- Spotty   〇

### Deficiency
- None     ✓

### Total Leaf Damage
- Low  〇

### Round-up Seed
- Yes  〇  
- No       〇

### INSECT SPECIES

<table>
<thead>
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<td>larvae adult</td>
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### Comments:

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Rev 02-01-12
### BioEnt Agricultural Consulting

**BEAN INSECT AND DISEASE REPORT**

**Date:** 8/30/2018  
**Grower:** MSU  
**Field(s):** T3R3  
**Crop Stage:**  
**Plant Height:** 2-3"  
**Soil Moisture:** 0-6" 70  
6-12"+ 70 %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:** %  
**Round-up Seed:** □ Yes □ No  
**ACTION:**  
- None Required □  
- Watch □  
- Yes, see below □  

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<td>larva</td>
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<tr>
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**Comments:** Stand has filled in & canopy looks good. Early season plant stand was not so good.
## BioEnt Agricultural Consulting

**BEAN INSECT AND DISEASE REPORT**

**Date:** 8/13/2013  
**Grower:** MSU  
**Field(s):** T4P3  
**Crop Stage:** R5  
**Plant Height:** 3/3"+

### Soil Moisture
- 0-6"  
- 6-12"+  
- %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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## DISEASES

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## Comments:

- Weed Control: Good, Scattered Foxtail/VELvetleaf
## BioEnt – Early Season Survey

**Gary Manley** 269-273-7070 or 269-816-1080

<table>
<thead>
<tr>
<th>Field Name/Number</th>
<th>Grower</th>
<th>Date</th>
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<tbody>
<tr>
<td>P-7</td>
<td>MSULW</td>
<td>8/30</td>
</tr>
</tbody>
</table>

### Vigor
- **General Appearance**
- **Size**
- **Variance**
- **Leaf Color**
- **Variance**

### Stress
- **General**
- **Spotty**
- **Heat**
- **Moisture**
- **Nitrogen**
- **General**
- **Spotty**

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

### Weed Control
- **Good**
- **OK**
- **Poor**
- **Spotty**
- **Dense Spots**
- **Grasses**
- **Broadleaves**
- **Perennials**

### Comments:
- Grasses general
- Scattered mix weeds
- Bar spots common.
- Control annual weeds.
- Prior planting switch

### ACTION:
- **OK**

### Weeds:
- Annual Grasses AG
- Foxtail F
- Panicum-Fall FP
- Quack grass QG
- Wirestem Muhly WM
- Marestail MT
- Crabgrass CG
- Johnsongrass JG
- Shattercane SCA
- Nutsedge NS
- Winter Annuals WA
- Chickweed CW
- Biennials WB
- Cover Crop CC
- Velvetleaf VL
- Cocklebur CBUR
- Milkweed CM
- Annual Grasses AG
- Foxtail F
- Panicum-Fall FP
- Quack grass QG
- Wirestem Muhly WM
- Marestail MT
- Crabgrass CG
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- Nutsedge NS
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- Cocklebur CBUR
- Milkweed CM

### Insects:
- Cutworms CW
- Armyworms AW
- Stalkborders SB
- Wireworms WW
- Spider Mites SM
- White Grubs WG
- Flea Beetles FB
- Aphids A
- Slugs S
- Leafhoppers LH
- Seed Corn Maggots
- Foliar Disease-Rust
- Foliar Disease-Fungi
- Corn Borer-%
- Stunted plants

### Diseases:
- Root Damage
- Insects
- Plants
- Purplish
- Diseases
- Yellowish
- Nematodes
- Stunting

---

**Date:** 8/30 2018

**Field Name/Number:** P-7

**Grower:** MSULW

**Date:** 8/30

**Field Name/Number:** P-7

**Grower:** MSULW

**Date:** 8/30

**Field Name/Number:** P-7

**Grower:** MSULW

**Date:** 8/30
BEAN INSECT AND DISEASE REPORT

Date: 6/30/2018
Grower: MSU

Field(s): 
Crop Stage: 
Plant Height: 3-4

Soil Moisture: 0-6" - 80%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 | % 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 Grubs larvae | Scattered about
Other Grasshoppers larvae | 
Natural Enemies Ladybird Beetles | 

DISEASES

- Downy Mildew: general
- White Mold: general
- Common Blight: general
- SDS: 
- Charcoal Rot: 
- Other:

Comments: Color / growth good.
### BioEnt Agricultural Consulting
Gary Manley 269-273-7070 or 269-816-1080

**BEAN INSECT AND DISEASE REPORT**

**Date:** 08/20/2018

**Grower:**

**Field(s):**

**Crop Stage:** Early Fall

**Plant Height:** 3'

**Soil Moisture:** 0-6'' %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:**
  - %

- **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>
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### Diseases

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**Comments:**