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

**BEAN INSECT AND DISEASE REPORT**

**Date:** 9/13/2018  
**Grower:** TR4  
**Field(s):** MSU  
**Crop Stage:** R7/8  
**Plant Height:**  
**Soil Moisture 0-6"**  

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

<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>% pits affected</td>
<td></td>
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</tr>
<tr>
<td>Japanese Beetle</td>
<td>adults</td>
<td>% leaf damage</td>
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<tr>
<td>Potato Leafhopper</td>
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**Comments:**
### BEAN INSECT AND DISEASE REPORT

**Date:** 9/13/2015

**Grower:** [Signature]

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

**Crop Stage:** [Signature]

**Soil Moisture:** 0-6" [Signature] 6-12"+ [Signature] %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

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

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### INSECT SPECIES

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

BEAN INSECT AND DISEASE REPORT

Date 9/13/2018
Grower TBR4
Field(s) TBR4
Crop Stage R7/8

Soil Moisture 0-6" 65 6-12"+ 65 %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

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Comments:

finishing down
BEAN INSECT AND DISEASE REPORT

Date: 9/13/2018
Grower: T4R4
MSU

Field(s): 26
Crop Stage: Plant Height:
Soil Moisture: 0-6" 65 6-12"+ 65 %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 | % pits 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 % Pits. Aff. THRESHOLD DIST. G/S COMMENTS

| Downy Mildew | | |
| White Mold | | |
| Common Blight | | |
| SDS | | |
| Charcoal Rot | | |
| Other | | |
| Other | | |

Comments: Top pods filling plants starting to mature.
BioEnt – Early Season Survey

Field Name/Number: 76BY
Grower: J. Talbot
Date: 9/13/2018

General Appearance: Size: Variance: Leaf Color: Variance:


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 [ ] Dense Spots
[ ] Grasses [ ] Broadleaves [ ] Perennials

Action: [ ] None Required
[ ] Watch
[ ] Yes, see comments

Comments:

Will spray in a week two.
Grass & weeds need control.

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
[ ] Pigweed RRP
[ ] Horsenettle HN
[ ] Bindweed - Field FBW
[ ] Bindweed - Hedge HBW
[ ] Smartweed - Penn. PSM
[ ] Smart - Swamp SSM
[ ] Dogbane - Hemp HDB
[ ] Lambquarters LQU
[ ] Ragweed CRAG
[ ] Ragweed - Giant GRAG
[ ] Dock - Curly CD
[ ] Nightshade - Black BNS
[ ] Jimsonweed JW
[ ] Canada Thistle CTH
[ ] Yellow Rocket YR
[ ] Perennials P
[ ] Pokeweed PW

Germination [ ] No [ ] 1/4" Root [ ] Spike PE
Emergence [ ] Breaking [ ] VC / V1
Nutrient Deficiency [ ] Spots [ ] General
Soil Compaction: [ ] Soil Surface:
[ ] Spots [ ] General [ ] Hard [ ] Crusted
Standing Water [ ] Small Spots [ ] Large Spots
Herbicide damage [ ] Emergence stress
Physiological Disorder in Corn [ ] Yellowish whorl
[ ] Buggwyn [ ] Stalk bending [ ] Twisted whorl
Doubles [ ]
Density [ ] Variance
Growth [ ] Variance
Plant spacing [ ] Variance
Emergence [ ] Variance
Soil Temperature [ ]

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

Root Damage [ ] Insects [ ] Plants
[ ] Diseases [ ] Purplish
[ ] Nematodes [ ] Yellowish
[ ] Stunting
Date: 9/13/2018
Grower: Ms.
Field(s): Irrigation study
Crop Stage: R7
Plant Height: 75
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

INSECT SPECIES    LIFE STAGE (ELPA)    EVALUATION    DIST. (S-G)    THRESHOLD    COMMENTS
Worms - misc     larvae               % pits 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
SDS
Charcoal Rot
Other
Other

Comments: Yellowing - early leaf drop.
## BioEnt Agricultural Consulting

**BEAN INSECT AND DISEASE REPORT**

**Date:** 9/13/2018

**Grower:** M54

**Field(s):** RA/RA

**Crop Stage:** R7/8

**Plant Height:**

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<tr>
<th>Soil Moisture</th>
<th>0-6&quot;</th>
<th>6-12&quot;+</th>
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<tr>
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</table>

### 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

<table>
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<tr>
<th>%</th>
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</table>

### Action

- None Required
- Watch
- Yes, see below

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### Insect and Disease Report

**BEAN INSECT AND DISEASE REPORT**

**Date:** 9/13/2018

**Grower:** M54

**Field(s):** RA/RA

**Crop Stage:** R7/8

**Plant Height:**

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### Insect Species

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### Diseases

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### Comments:

*Yellowing/leg drop*