**Comments:**

Surface moisture to 6" Profili 255/360% growth/development mixed due to dry conditions.

Some spots burned above ear leaf.

Some ears starting drop over due to stress.

---

**Appearance**

- Uniformity (general): Mixed
- Development: Mixed
- General (growth): Mix
- Leaf Color: Mixed
- Nitrogen: OK
- Deficiency: OK

---

**Vigor**

- General: Spotty

**Stress**

- Moisture: General
- Nitrogen: General
- Heat: Spotty

**Stress-Chlorophyll**

- None
- Low
- High

**Weed Control**

- Grasses
- Broadleaves
- Perennials

---

**Crop Stage**

- VT

**Soil Moisture 0-12"**

- Below

**Plant Height**

- 24+

---

**VT Leaves Silk % Pollination %AWC good / fair / poor**

- %AWC: 24%

---

**Diseases**

- Anthracnose
- NCLS - fungi
- Leaf Blight - fungi
- Gray Leaf Spot
- Rust

---

**Insect Species**

- Corn Borer
- WBCW
- W. C. Ear Worm
- Spider Mites
- Japanese Beetle

---

**Population**

- Beetrots/plant
- % plants affected
- % ears affected
- % plants affected

---

**Evaluation**

- % plants affected
- % ears affected
- % plants affected
**Crop Stage**: Late Dough early dent

**Field(s)**: Corn

**Vigor**: Good

**Stress**: Heat

**Stress-Chlorophyll**: None

**Weed Control**: Good

**Nutrient Deficiency on lower leaf**: Yes

**# of leaves showing yellowing**: Up to leaf edge

**Comments**: 6.04 to 6" - Profilt 2 55/60 %

**BioEnt – CORN REPORT**

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

**Grower**: 7M42123

**Date**: 8/26/201?

**Field(s)**: Corn

**Crop Stage**: Late Dough early dent

**Plant Height**: 24+

**Soil Moisture 0-12"**: See below

**VT Leaves**: 2-24"

**Silk**: 24+

**% Pollination**: good / fair / poor

**%AWC**: mixed

**Appearance**: mixed

**Health**: good / fair / poor

**Nitrogen**: mixed

**Deficiency**: OK

**Weed Control**: Good

**Nitrogen Dependence on lower leaves**: Yes

**% of leaves showing yellowing**: Up to leaf edge

**Comments**: New development and development in general mixed due dry conditions.
**BioEnt Agricultural Consulting**  
Gary Manley 269-273-7070 or 269-816-1080  

**BEAN INSECT AND DISEASE REPORT**  

**Date** 8/24/2017  
**Grower** G3R3 MSU  
**Field(s)**  
**Crop Stage** R4/R5  
**Plant Height** 2-3"  
**Soil Moisture** 0-6" 60%  
**6-12"+ 25% %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**

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

---

**DISEASES**  
**PLT/PART Affected (sampled)**  
**Region Affected (range)**  
**Evaluation % Plts. Aff.**  
**Threshold**  
**Dist. G/S**  
**Comments**

<table>
<thead>
<tr>
<th>Disease</th>
<th>PLT/PART Affected</th>
<th>Region Affected</th>
<th>Evaluation</th>
<th>Threshold</th>
<th>Dist. G/S</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downy Mildew</td>
<td></td>
<td>General</td>
<td></td>
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<tr>
<td>White Mold</td>
<td></td>
<td>General</td>
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<tr>
<td>Common Blight</td>
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<tr>
<td>SDS</td>
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<tr>
<td>Charcoal Rot</td>
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<tr>
<td>Other</td>
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<tr>
<td>Other</td>
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</tbody>
</table>

**Comments:**
- G3R3 - OK  
- G3R4 - OK  
- G3R5 - OK  

- Beans in general are finished growing - filling pods.
### BioEnt - CORN REPORT

**Grower:** MSU 64E3  
**Date:** 8/24/2017

**Field(s):** Corn

**Crop Stage:** Late Dough/Early Dent

<table>
<thead>
<tr>
<th>Soil Moisture 0-12&quot;</th>
<th>12-24&quot;</th>
<th>24+</th>
<th>%AWC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good (below)</td>
<td>Fair</td>
<td>Poor</td>
<td></td>
</tr>
</tbody>
</table>

**VT:** 0  
**Leaves:** Silks 100

**% Pollination:** 100  
**Comments:** Good / fair / poor

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

**Stress:**  
- Heat
- Moisture
- Nitrogen

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

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

- Grasses
- Broadleaves
- Perennials

**Nitrogen Deficiency on lower leaves:**  
- Yes
- No
- General
- Spotty

- # of leaves showing yellowing

---

**Comments:**

60% to 6"  
Profile < 55/60%

Ear size/development mixed due to dry weather conditions.

---

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

**Appearance**

- Uniformity (general)
- Development

**Leaf Color:**  
- Ok
- Mixed

**Nitrogen Deficiency:**  
- Ok

---

### DISEASES

- Anthracnose
- NCLB - fungi
- Leaf Blight - fungi
- Gray Leaf Spot
- Rust

---

### INSECT SPECIES

- Corn Borer
- WBCW
- WC Rootworm
- Ear Worm
- Spider Mites
- Japanese Beetle

---

**Population**

- % plants affected
- Beetrots/plant
- % ears affected
- % plants affected

---

**Life Stage**

- Instar
- Adults
- Larvae
- Adults