

**BioEnt Agricultural Consulting** Gary Manley 269-273-7070 or 269-816-1080  
**CORN INSECT AND DISEASE REPORT**

Grower MSU Date 8/28 2014

Field(s) G103 - corn



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

Crop Stage Full Dent Plant Height \_\_\_\_\_

Soil Moisture 0-12" 65 12-24" 60 24+ 500 moist %AWC

VT 0 Leaves Silk 1071 % Pollination 100 good / fair / poor

**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  
 Grasses  Broadleaves  Perennials  
 Nitrogen Deficiency on lower leaves  Yes  No

Uniformity \_\_\_\_\_  
 General Appearance \_\_\_\_\_  
 Leaf Color \_\_\_\_\_  
 Nitrogen \_\_\_\_\_  
 Deficiency \_\_\_\_\_  
 Air Temperature \_\_\_\_\_ ° Range  
 Cold Normal Hot

INSECT SPECIES	LIFE STAGE	EVALUATION	COMMENTS
Corn Borer	instar	% plants affected	
WBCW			
W.C. Rootworm	adults	Beetles/plant	
C. Ear Worm	larvae	% ears affected	<u>ok</u>
Spider Mites		% plants affected	
Japanese Beetle			

DISEASES	PLT/PART Affected (sampled)	AFFECTED (range)	LESIONS square inch ear leaf	EVALUATION % Plts. Aff.	THRESHOLD B/N/A	DIST. G/S/L
Anthracnose						
NCLS - fungi						
Leaf Blight - fungi						
Rust						
<u>Gray leaf spot</u>		<u>general</u>	<u>low to moderate level</u>			

**Comments:**  
 Recent rains have removed moisture stresses

**BioEnt Agricultural Consulting** Gary Manley 269-273-7070 or 269-816-1080  
**CORN INSECT AND DISEASE REPORT**

Grower MS4 Date 8/28 2014

Field(s) G2R3 - corn

Crop Stage early dent Plant Height \_\_\_\_\_

Soil Moisture 0-12" 65 12-24" 60 24+ Soil hard %AWC

VT 0 Leaves Silk 100 % Pollination 100 good / fair / poor



**ACTION**

None Required  
 Watch  
 Yes, see below

**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  
 Grasses  Broadleaves  Perennials  
 Nitrogen Deficiency on lower leaves  Yes  No

Uniformity OK  
 General Appearance OK  
 Leaf Color OK  
 Nitrogen OK  
 Deficiency OK  
 Air Temperature Soil Temp Ramp Cold Normal Hot

INSECT SPECIES	LIFE STAGE	EVALUATION	COMMENTS
Corn Borer	instar	% plants affected	
WBCW			
W.C.Rootworm	adults	Beetles/plant	ok
C. Ear Worm	larvae	% ears affected	
Spider Mites		% plants affected	
Japanese Beetle			

DISEASES	PLT/PART Affected (sampled)	AFFECTED (range)	LESIONS square inch ear leaf	EVALUATION % Pits. Aff.	THRESHOLD B/N/A	DIST. G/S/L
Anthracnose						
NCLS - fungi						
Leaf Blight - fungi						
Rust						
<u>Gray leaf spot</u>		<u>low level</u>				

**Comments:**  
 Recent rain has removed moisture stresses

**BioEnt Agricultural Consulting** Gary Manley 269-273-7070 or 269-816-1080  
**CORN INSECT AND DISEASE REPORT**

Grower MSU Date 8/28/2014

Field(s) G3R3 - Corn



**ACTION**

None Required  
 Watch  
 Yes, see below

Crop Stage early dent Plant Height \_\_\_\_\_

Soil Moisture 0-12" 65 12-24" 60 24+ <sup>soil to</sup> hard %AWC

VT 0 Leaves Silk 100 % Pollination 100 good / fair / poor

*OK*

**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  
 Grasses  Broadleaves  Perennials  
 Nitrogen Deficiency on lower leaves  Yes  No

Uniformity \_\_\_\_\_ *OK*  
 General Appearance \_\_\_\_\_ *OK*  
 Leaf Color \_\_\_\_\_  
 Nitrogen \_\_\_\_\_  
 Deficiency \_\_\_\_\_  
 Air Temperature Soft - Ramp Cold  Normal Hot

INSECT SPECIES	LIFE STAGE	EVALUATION	COMMENTS
Corn Borer	instar	% plants affected	
WBCW			
W.C. Rootworm	adults	Beetles/plant	
C. Ear Worm	larvae	% ears affected	<i>OK</i>
Spider Mites		% plants affected	
Japanese Beetle			

DISEASES	PLT/PART Affected (sampled)	AFFECTED (range)	LESIONS square inch ear leaf	EVALUATION % Plts. Aff.	THRESHOLD B/N/A	DIST. G/S/L
Anthracnose						
NCLS - fungi						
Leaf Blight - fungi						
Rust						
<i>Green leaf spot</i>		<i>low level</i>				

**Comments:**

*Recent rains have removed stresses due to dryness*

# BioEnt Agricultural Consulting

## BEAN INSECT AND DISEASE REPORT



Grower msy Field Name Soybeans 64R3  
 Date 8/28/2014 Crop Stage R5 Plant Height \_\_\_\_\_  
 Ave.(n=5) Stand Count \_\_\_\_\_ Soil Moisture 0-12 65 %AWC  
12-24 60  
 Sun PC Cloudy Temp \_\_\_\_\_ Time \_\_\_\_\_ Wind Speed —H M L N

**ACTION**

None Required  
 Watch  
 Yes, see below

**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  
 Grasses  Broadleaves  Perennials

Uniformity ok  
 General Appearance ok  
 Leaf Color ok  
 Nitrogen ok  
 Deficiency ok  
 Total Leaf Damage low %  
 Round-up Seed  Yes  No

INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST. (S-G)	THRESHOLD actual B/N/A	proj. <>	COMMENTS
Worms	larvae	% pits affected				
Japanese Beetle		% leaf damage				<u>low level.</u>
Potato Leafhopper	nymphs	# per leaf				
Spider Mites	nymphs	% plants affected				
Aphids	adults	# per plant				<u>low level.</u>
Aphids	Alatoid Nymphs	% population				
Aphids	Winged Adults	% population				
Other <u>Cicadas</u>	larvae adult					<u>low numbers.</u>
Other	larvae adult					
Natural Enemies		L M H				

DISEASES	PLT/PART Affected (sampled)	Region AFFECTED (range)	EVALUATION % Pits. Aff.	THRESHOLD B/N/A	DIST. G/S/L	COMMENTS
Common Blight						
Downy Mildew						
White Mold						
Virus						
Pod Anomalies						
Other						
Other						

**Comments:**  
Color / growth normal.