

# BioEnt Agricultural Consulting Gary Manley 269-273-7070

## CORN INSECT AND DISEASE REPORT

Grower MSU  
 Field(s) T1 R5



Date 8/7/20 Crop Stage late pollination Plant Height       
 Soil Moisture 65/70 0-12" 40/75 12+"      %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

Uniformity OK/good  
 General Appearance good  
 Leaf Color good  
 Nitrogen OK  
 Deficiency none  
 Air Temperature 84  
 Plant Temperature 84 Normal

INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST.	THRESHOLD	COMMENTS
Corn Borer	larvae	% plants affected			
Armyworm	larvae	% plants affected			
W.C.Rootworm	adults	Beetles/plant			
C. Ear Worm	larvae	% ears affected			<u>ok</u>
Spider Mites		% plants affected			

DISEASES	PLT/PART Affected (sampled)	AFFECTED (range)	LESIONS square inch ear leaf	EVALUATION % Pts. Aff.	THRESHOLD B/N/A	DIST. G/S/L
Anthrachnose						
NCLS						
LB Leaf Blight						
Rust						

**Comments:**

# BioEnt Agricultural Consulting Gary Manley 269-273-7070

## CORN INSECT AND DISEASE REPORT

Grower MSU  
 Field(s) T2R5



**ACTION**

None Required  
 Watch  
 Yes, see below

Date 8/2/20 Crop Stage Milk Plant Height Normal  
 Soil Moisture 65/70 0-12" 70/75 12+" \_\_\_\_\_ %AWC  
 VT 0 Leaves Silk 100 % 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

Uniformity good  
 General Appearance good  
 Leaf Color good  
 Nitrogen ok  
 Deficiency none  
 Air Temperature 80+  
 Plant Temperature Normal

INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST.	THRESHOLD	COMMENTS
Corn Borer	larvae	% plants affected			
Armyworm	larvae	% plants affected			
W.C.Rootworm	adults	Beetles/plant			
C. Ear Worm	larvae	% ears affected			<u>ok</u>
Spider Mites		% plants affected			

DISEASES	PLT/PART Affected (sampled)	AFFECTED (range)	LESIONS square inch ear leaf	EVALUATION % Pts. Aff.	THRESHOLD B/N/A	DIST. G/S/L
Anthraco nose						
NCLS						
LB Leaf Blight						
Rust						

**Comments:**

# BioEnt Agricultural Consulting Gary Manley 269-273-7070

## CORN INSECT AND DISEASE REPORT


Grower MSU

Field(s) T3R5

Date 8/7/20 Crop Stage early milk Plant Height     

Soil Moisture 65/70 0-12" 70/75 12+"      %AWC

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



**ACTION**

None Required

Watch

Yes, see below

<p><b>Vigor:</b> <input checked="" type="checkbox"/> Good <input type="checkbox"/> Ok <input type="checkbox"/> Poor <input type="checkbox"/> General <input type="checkbox"/> Spotty</p> <p><b>Stress:</b> <input type="checkbox"/> Heat <input type="checkbox"/> Moisture <input type="checkbox"/> Nitrogen <input type="checkbox"/> General <input type="checkbox"/> Spotty</p> <p><b>Stress-Chlorophyll:</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> General <input type="checkbox"/> Spotty</p> <p><b>Weed Control:</b> <input checked="" type="checkbox"/> Good <input type="checkbox"/> Ok <input type="checkbox"/> Poor <input type="checkbox"/> Spotty</p> <p style="margin-left: 20px;"><input type="checkbox"/> Grasses <input type="checkbox"/> Broadleaves <input type="checkbox"/> Perennials</p>	<p>Uniformity <u>good</u></p> <p>General Appearance <u>good</u></p> <p>Leaf Color <u>good</u></p> <p>Nitrogen <u>good</u></p> <p>Deficiency <u>none</u></p> <p>Air Temperature <u>80°</u></p> <p>Plant Temperature <u>80°</u> Normal</p>
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INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST.	THRESHOLD	COMMENTS
Corn Borer	larvae	% plants affected			
Armyworm	larvae	% plants affected			
W.C.Rootworm	adults	Beetles/plant			
C. Ear Worm	larvae	% ears affected		<u>ok</u>	
Spider Mites		% plants affected			

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						
LB Leaf Blight		<u>very low</u>			<u>ok</u>	
Rust						

**Comments:**

# BioEnt Agricultural Consulting Gary Manley 269-273-7070

## CORN INSECT AND DISEASE REPORT

Grower TYR5 MS4  
 Field(s) \_\_\_\_\_



**ACTION**

None Required

Watch

Yes, see below

Date 8/7/20 Crop Stage Pollination Plant Height \_\_\_\_\_  
 Soil Moisture 65/70 0-12" 70/75 12+" \_\_\_\_\_ %AWC  
 VT 0 Leaves Silk Active % Pollination Active good / fair / poor

<p><b>Vigor:</b> <input type="checkbox"/> Good <input checked="" type="checkbox"/> Ok <input type="checkbox"/> Poor _____ <input type="checkbox"/> General <input type="checkbox"/> Spotty</p> <p><b>Stress:</b> <input type="checkbox"/> Heat <input type="checkbox"/> Moisture <input type="checkbox"/> Nitrogen _____ <input type="checkbox"/> General <input type="checkbox"/> Spotty</p> <p><b>Stress-Chlorophyll:</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> High _____ <input type="checkbox"/> General <input type="checkbox"/> Spotty</p> <p><b>Weed Control:</b> <input type="checkbox"/> Good <input checked="" type="checkbox"/> Ok <input type="checkbox"/> Poor <input type="checkbox"/> Spotty</p> <p style="margin-left: 20px;"><input type="checkbox"/> Grasses <input type="checkbox"/> Broadleaves <input type="checkbox"/> Perennials</p>	<p>Uniformity <u>mixed stages</u></p> <p>General Appearance <u>ok</u></p> <p>Leaf Color <u>ok</u></p> <p>Nitrogen <u>ok</u></p> <p>Deficiency <u>none</u></p> <hr/> <p>Air Temperature _____</p> <p>Plant Temperature <u>soft</u> (Normal)</p>
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INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST.	THRESHOLD	COMMENTS
Corn Borer	larvae	% plants affected			
Armyworm	larvae	% plants affected			
W.C.Rootworm	adults	Beetles/plant			
C. Ear Worm	larvae	% ears affected			
Spider Mites		% plants affected			

DISEASES	PLT/PART Affected (sampled)	AFFECTED (range)	LESIONS square inch ear leaf	EVALUATION % Plts. Aff.	THRESHOLD B/N/A	DIST. G/S/L
Anthraxnose						
NCLS						
LB Leaf Blight					<u>ok</u>	
Rust						

**Comments:**

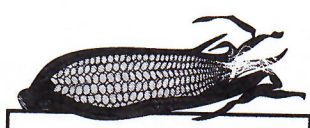
weed control mostly good - In row grass, velvetleaf & Rag weeds.

Crop stage Ranges from pre-pollination to late pollination.

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## CORN INSECT AND DISEASE REPORT

Grower MSU - Irrigated  
 Field(s) Irrigation study



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

Date 8/7 2020 Crop Stage Milk Plant Height \_\_\_\_\_  
 Soil Moisture 70/75 0-12" 80/85 12+" \_\_\_\_\_ %AWC  
 VT 0 Leaves Silk 100 % Pollination 100 good / fair / poor

<b>Vigor:</b> <input checked="" type="checkbox"/> Good <input type="checkbox"/> Ok <input type="checkbox"/> Poor _____ <input type="checkbox"/> General <input type="checkbox"/> Spotty <b>Stress:</b> <input type="checkbox"/> Heat <input type="checkbox"/> Moisture <input type="checkbox"/> Nitrogen _____ <input type="checkbox"/> General <input type="checkbox"/> Spotty <b>Stress-Chlorophyll:</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> High _____ <input type="checkbox"/> General <input type="checkbox"/> Spotty <b>Weed Control:</b> <input checked="" type="checkbox"/> Good <input type="checkbox"/> Ok <input type="checkbox"/> Poor <input type="checkbox"/> Spotty <input type="checkbox"/> Grasses <input type="checkbox"/> Broadleaves <input type="checkbox"/> Perennials	Uniformity <u>good</u> General Appearance <u>good</u> Leaf Color <u>good</u> Nitrogen <u>ok</u> Deficiency <u>none</u> Air Temperature _____ Plant Temperature <u>80°F</u> <u>Normal</u>
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INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST.	THRESHOLD	COMMENTS
Corn Borer	larvae	% plants affected			
Armyworm	larvae	% plants affected			
W.C.Rootworm	adults	Beetles/plant			
C. Ear Worm	larvae	% ears affected			
Spider Mites		% plants affected			<u>ok</u>

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						
LB Leaf Blight						
Rust						

**Comments:**

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## CORN INSECT AND DISEASE REPORT

Grower M54 Irrigated Study  
 Field(s) Non-Irrigated



**ACTION**

None Required  
 Watch  
 Yes, see below

Date 8/7/20 Crop Stage Milk Plant Height \_\_\_\_\_  
 Soil Moisture 65/70 0-12" 70/75 12+" \_\_\_\_\_ %AWC  
 VT 100 Leaves Silk 100 % 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

Uniformity good  
 General Appearance good  
 Leaf Color good  
 Nitrogen ok  
 Deficiency none  
 Air Temperature \_\_\_\_\_  
 Plant Temperature ok Normal

INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST.	THRESHOLD	COMMENTS
Corn Borer	larvae	% plants affected			
Armyworm	larvae	% plants affected			
W.C.Rootworm	adults	Beetles/plant			
C. Ear Worm	larvae	% ears affected			
Spider Mites		% plants affected			<u>ok</u>

DISEASES	PLT/PART Affected (sampled)	AFFECTED (range)	LESIONS square inch ear leaf	EVALUATION % Pts. Aff.	THRESHOLD B/N/A	DIST. G/S/L
Anthracoese						
NCLS						
LB Leaf Blight						
Rust		<u>very low</u>			<u>ok</u>	

**Comments:**