

BioEnt Agricultural Consulting

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

CORN INSECT AND DISEASE REPORT

Grower MSU Date 8/8 2013

Field(s) GIRL Corn



ACTION CORN

None Required
 Watch
 Yes, see below

Crop Stage Milk Plant Height _____

Soil Moisture 0-12" 70 12-24" 70 24+ _____ %AWC

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

Vigor: <input checked="" type="checkbox"/> Good <input type="checkbox"/> Ok <input type="checkbox"/> Poor _____ <input type="checkbox"/> General <input type="checkbox"/> Spotty	Uniformity <u>OK</u>
Stress: <input checked="" type="checkbox"/> Heat <input checked="" type="checkbox"/> Moisture <input type="checkbox"/> Nitrogen _____ <input type="checkbox"/> General <input checked="" type="checkbox"/> Spotty	General Appearance <u>OK</u>
Stress-Chlorophyll: <input checked="" type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> High _____ <input type="checkbox"/> General <input type="checkbox"/> Spotty	Leaf Color <u>OK</u>
Weed Control: <input checked="" type="checkbox"/> Good <input type="checkbox"/> Ok <input type="checkbox"/> Poor <input type="checkbox"/> Spotty	Nitrogen <u>OK</u>
<input type="checkbox"/> Grasses <input type="checkbox"/> Broadleaves <input type="checkbox"/> Perennials	Deficiency <u>OK</u>
Nitrogen Deficiency on lower leaves <input type="checkbox"/> Yes <input type="checkbox"/> No	Air Temperature <u>70-85 Range</u> <input checked="" type="radio"/> Cold <input type="radio"/> Normal <input type="radio"/> 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			Lesions + re-leaf in spots			
NCLS - fungi		10/20				
Leaf Blight - fungi						
Rust						
Gray leaf spot			most common in lower leaves			
			general/spotty			

Comments:

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CORN INSECT AND DISEASE REPORT

Grower MSU Date 8/8/2013

Field(s) G2R1 Corn



ACTION

None Required

Watch

Yes, see below

Crop Stage Late pollination/blister Plant Height 8-10'

Soil Moisture 0-12" 70 12-24" 70 24+ _____ %AWC

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

Vigor: <input checked="" type="checkbox"/> Good <input type="checkbox"/> Ok <input type="checkbox"/> Poor _____ <input type="checkbox"/> General <input type="checkbox"/> Spotty Stress: <input type="checkbox"/> Heat <input type="checkbox"/> Moisture <input type="checkbox"/> Nitrogen _____ <input type="checkbox"/> General <input type="checkbox"/> Spotty Stress-Chlorophyll: <input checked="" type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> High _____ <input type="checkbox"/> General <input type="checkbox"/> Spotty Weed Control: <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 Nitrogen Deficiency on lower leaves <input type="checkbox"/> Yes <input type="checkbox"/> No	Uniformity <u>OK</u> General Appearance <u>OK</u> Leaf Color <u>OK</u> Nitrogen <u>OK</u> Deficiency <u>OK</u> Air Temperature _____ °F Cold Normal Hot
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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 % Pits. Aff.	THRESHOLD B/N/A	DIST. G/S/L
Anthracnose						
NCLS - fungi						
Leaf Blight - fungi						
Rust						
<u>Gray leaf spot</u>		<u>spotty/low level/low leaves</u>				

Comments:

Rev 02-01-12

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

BEAN INSECT AND DISEASE REPORT


Date 8/18/2013 Soybeans

Grower msu

Field(s) G3R1 G3R1

Crop Stage flower/rod set Plant Height 2-3'

Soil Moisture 0-6" 75 6-12"+ 75 %AWC



ACTION

None Required

Watch

Yes, see below

Vigor: <input checked="" type="checkbox"/> Good <input type="checkbox"/> Ok <input type="checkbox"/> Poor <input type="checkbox"/> General <input type="checkbox"/> Spotty Stress: <input type="checkbox"/> Heat <input checked="" type="checkbox"/> Moisture <input type="checkbox"/> General <input type="checkbox"/> Spotty Stress-Chlorophyll: <input checked="" type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> General <input type="checkbox"/> Spotty Weed Control: <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>ok</u> General Appearance <u>ok</u> Leaf Color <u>ok</u> Deficiency <u>ok</u> Total Leaf Damage <u>low</u> % Round-up Seed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST. (S-G)	THRESHOLD	COMMENTS
Worms - misc	larvae	% plts affected			
<input checked="" type="checkbox"/> Japanese Beetle	adults	% leaf damage			<u>low level</u>
Potato Leafhopper	nymphs	# per leaf			
Spider Mites	nymphs	% plants affected			
<input checked="" type="checkbox"/> Aphids	adults/nymphs	<u>2-10</u> # per plant			
Aphids	Alatoid nymphs	% population			
Aphids	Winged adults	% population			
<input checked="" type="checkbox"/> Other <u>Grasshoppers</u>	larvae adult				<u>low level</u> <u>ok</u>
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						<u>ok</u>
Charcoal Rot						
Other						
Other						

Comments:

Rev 02-01-12


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CORN INSECT AND DISEASE REPORT

Grower msy Date 8/18/2013

Field(s) Q4R1 Corn



ACTION COR07

None Required
 Watch
 Yes, see below

Crop Stage Pole Pollination/Blister Plant Height 8-10'

Soil Moisture 0-12" 70 12-24" 70 24" 24 %AWC

VT 0 Leaves Silk 100 % Pollination 90/ACTIVE 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 OK

General Appearance OK

Leaf Color OK

Nitrogen OK

Deficiency OK

Air Temperature 70's Range Cold
Normal
Hot

INSECT SPECIES	LIFE STAGE	EVALUATION	COMMENTS
Corn Borer	instar	% plants affected	
WBCW			
<input checked="" type="checkbox"/> W.C. Rootworm	<input checked="" type="checkbox"/> adults	Beetles/plant	<u>low level</u>
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>Green leaf spot</u>		<u>isolated</u>	<u>scattered lesions only</u>		<u>0.6</u>	

Comments: (very minor)