

BioEnt Agricultural Consulting Gary Manley 269-273-7070

CORN INSECT AND DISEASE REPORT

Grower MSU
 Field(s) G/R5



ACTION

None Required
 Watch
 Yes, see below

Date 8-17-20 Crop Stage Milk Plant Height
 Soil Moisture 65/70 0-12" 70/75 12+" %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 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	Uniformity <u>OK</u> General Appearance <u>OK</u> Leaf Color <u>good</u> Nitrogen <u>OK</u> Deficiency <u>none</u> Air Temperature <u>80°</u> Plant Temperature <u>80°</u> - Normal
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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						
<input checked="" type="checkbox"/> Leaf Blight		<u>general on lower leaves</u>			<u>OK</u>	
Rust		<u>low level</u>				
		<u>some lesions to ear leaf</u>				

Comments:

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CORN INSECT AND DISEASE REPORT

Grower _____ Sorgham
 Field(s) ~~62R5~~ 62R5



ACTION
 None Required
 Watch
 Yes, see below

Date 8/7/20 Crop Stage starting to head Plant Height 6'4"
 Soil Moisture 65/70 0-12" 70/75 12+" _____ %AWC
 VT _____ Leaves _____ Silk _____ % Pollination _____ 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 ok
 General Appearance ok
 Leaf Color ok
 Nitrogen ok
 Deficiency none
 Air Temperature _____
 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			
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
Anthrachnose						
NCLS						
LB Leaf Blight					<u>ok</u>	
Rust						

Comments:
Appears to be shorter than other years -> dry weather in July?

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CORN INSECT AND DISEASE REPORT

Grower MSU Sorgham
 Field(s) B3R5



ACTION
 None Required
 Watch
 Yes, see below

Date 8/7/20 Crop Stage early VT Plant Height 5-6'4"
 Soil Moisture 65/70 0-12" 70/75 12+" _____ %AWC
 VT _____ Leaves _____ Silk _____ % Pollination _____ 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	Uniformity <u>ok</u> General Appearance <u>good</u> Leaf Color <u>good</u> Nitrogen <u>ok</u> Deficiency <u>none</u> Air Temperature <u>ok</u> Plant Temperature <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			<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
Anthracoese						
NCLS						
LB Leaf Blight						
Rust						

Comments:
 Appears to be shorter than other years -
 Did dry weather effect crop growth?