

BioEnt Agricultural Consulting

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

CORN INSECT AND DISEASE REPORT

Grower G125 (corn) Date 7/25/2013

Field(s) _____

Crop Stage Active Pollination Plant Height 8' Range

Soil Moisture 0-12" 70 12-24" 75 24+ _____ %AWC

VT 0 Leaves Silk 100 % Pollination mid 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

General Appearance ok

Leaf Color ok

Nitrogen ok

Deficiency ok

Air Temperature 70's °F

Cold Normal Hot

INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST.	THRESHOLD	COMMENTS
Corn Borer	instar	% plants affected			
<input checked="" type="checkbox"/> W.C. Rootworm	adults	Beetles/plant	<u>Range</u>	<u>general</u>	<u>low level</u>
C. Ear Worm	larvae	% ears affected			
Spider Mites		% plants affected			
<input checked="" type="checkbox"/> Japanese Beetle		<u>few scattered</u>	<u>beetles</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:

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CORN INSECT AND DISEASE REPORT

Grower Q2RS (Corn) Date 7/25/2013

Field(s) _____

Crop Stage VT / Tassel Emergence Plant Height 7' +

Soil Moisture 0-12" 70% 12-24" 75% 24+ _____ %AWC

VT 0-1 Leaves Silk early % Pollination 25% 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

General Appearance OK

Leaf Color OK

Nitrogen OK

Deficiency OK

Air Temperature 70's °F Cold
Normal
Hot

INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST.	THRESHOLD	COMMENTS
Corn Borer	instar	% plants affected			
W.C. Rootworm	adults	Beetles/plant			<u>OK</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 % Plts. Aff.	THRESHOLD B/N/A	DIST. G/S/L
Anthracnose						
NCLS						
LB Leaf Blight					<u>OK</u>	
Rust						

Comments: growth/development normal

BEAN INSECT AND DISEASE REPORT

Date 7/25/2013
 Grower G3 R5 (Soybeans)
 Field(s) _____
 Crop Stage Flower Plant Height 14-16"
 Soil Moisture 0-6" 65/70 6-12"+ 70/75 %AWC



ACTION

None Required
 Watch
 Yes, see below

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

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

INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST. (S-G)	THRESHOLD	COMMENTS
Worms - misc	larvae	% plts affected			
Japanese Beetle	adults	% leaf damage			
Potato Leafhopper	nymphs	# per leaf			
Spider Mites	nymphs	% plants affected			
Aphids	adults/nymphs	# per plant			<u>ok</u>
Aphids	Alatoid nymphs	% population			
Aphids	Winged adults	% population			
Other	larvae adult				
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						<u>ok</u>
SDS						
Charcoal Rot						
Other						
Other						

Comments: growth/color normal

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CORN INSECT AND DISEASE REPORT

Grower ~~6323~~ 64R5 Date 7 25 2013

Field(s) (Corn)

Crop Stage VT / tassels emergence Plant Height 7' +

Soil Moisture 0-12" 70 12-24" 75 24+ _____ %AWC

VT 0-1 Leaves 44/50 emergence % Pollination < 5% 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
 General Appearance OK
 Leaf Color OK
 Nitrogen OK
 Deficiency OK

Air Temperature 70's °F Cold
~~Normal~~
Hot

INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST.	THRESHOLD	COMMENTS
Corn Borer	instar	% plants affected			
<input checked="" type="checkbox"/> W.C. Rootworm	<u>adults</u>	<u>< 0.1</u> Beetles/plant			<u>few adults only - very low.</u>
C. Ear Worm	larvae	% ears affected			
Spider Mites		% plants affected			
Japanese Beetle					<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						
Rust					<u>OK</u>	

Comments: