

BIOENT AGRICULTURAL CONSULTING

CORN INSECT AND DISEASE REPORT



Grower mgc Field Name BIR3

Date 8/5/2022 Crop Stage Pollination Plant Height 7-8'4"

Ave.(n=5) Stand Count _____ Soil Moisture 60/65

VT 100 Silk 100 % Pollination Active 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 good

General Appearance good

Leaf Color good

Nitrogen OK

Deficiency None

Air Temperature _____

Plant Temperature Normal

INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST. (SLG)	THRESHOLD actual B/N/A	proj. <>	COMMENTS
Cutworm	larvae	% plts affected				
Armyworm	larvae	% plts affected				
Stalkborer	larvae	% plts affected				OK
W.C.Rootworm	adults	Beetles/plant				
C. Ear Worm	larvae	% ears affected				

Corn Borer G1-larvae

Corn Borer G2-eggs

Most common instar _____ Threshold _____

_____ % plts affected Proj. Max. Pop. _____ Proj. Date _____

Masses/plt _____

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"/> LB Leaf Blight						
Rust						
Smut						
EyeSpot						

general / low level - mostly lower 1/2 of plant.

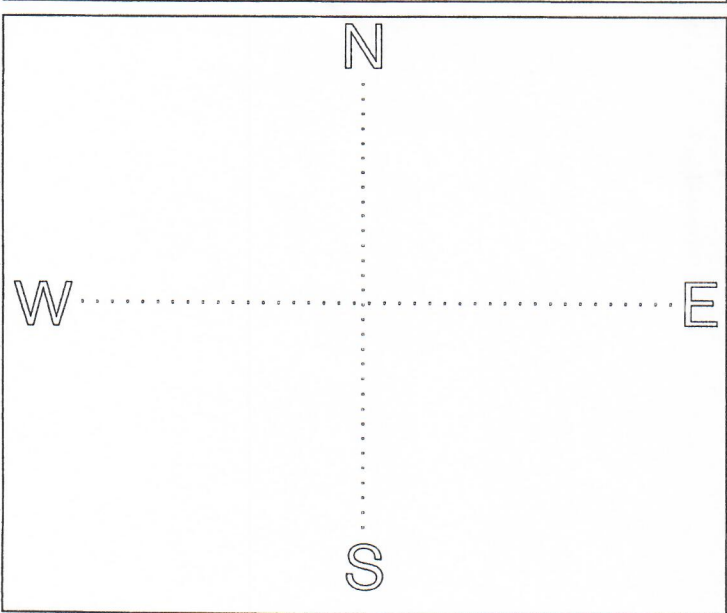
Comments: Deer feeding on first 3-4 rows from edge.

BioEnt – Pest Management Early Season Survey

Crop Sorgham Grower MSU Date 8-5 20027
 Field Name/Number G2R3 Soil Moisture 60% %AWC _____
 General Appearance good Size 8 1/4 Size Uniformity good Leaf Color good
 Plant Population good Uniformity good % Doubles _____ Growth Stage good

Vigor: <input checked="" type="checkbox"/> Good <input type="checkbox"/> OK <input type="checkbox"/> Poor	<input type="checkbox"/> General <input type="checkbox"/> Spotty	<input type="checkbox"/> Cutworms	<input type="checkbox"/> Root Fungi
Stress: <input type="checkbox"/> Heat <input type="checkbox"/> Moisture <input type="checkbox"/> Nitrogen	<input type="checkbox"/> General <input type="checkbox"/> Spotty	<input type="checkbox"/> Armyworms	<input type="checkbox"/> Stalkborer
Stress-Chlorophyll: <input checked="" type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> High	<input type="checkbox"/> General <input type="checkbox"/> Spotty	<input type="checkbox"/> Seed Corn Maggot	<input type="checkbox"/> Flea Beetle
Weed Control: <input checked="" type="checkbox"/> Good <input type="checkbox"/> OK <input type="checkbox"/> Poor <input type="checkbox"/> Spotty <input type="checkbox"/> Dense Spots	<input type="checkbox"/> Grasses <input type="checkbox"/> Broadleaves <input type="checkbox"/> Perennials	<input type="checkbox"/> Billbug	<input type="checkbox"/> Cucumber Beetle
		<input type="checkbox"/> Wireworms	<input type="checkbox"/> Slugs
		<input type="checkbox"/> White Grub	<input type="checkbox"/> Leafhoppers

Comments:
looks good, normal for this time of year.



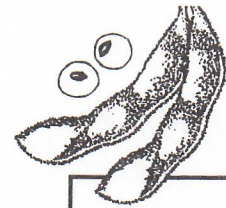
ACTION:

None Required
 Watch
 Yes, see comments

	Density	Size	% Cover
Annual Grasses AG			
Foxtail F			
Panicum -Fall FP			
Quack grass QG			
Wirestem Muhly WM			
Field Sandbur FS			
Crabgrass CG			
Johnsongrass JG			
Shatercane SCA			
Nutsedge NS			
Winter Annuals WA			
Chickweed CW			
Biannuals WB			
Cover Crop CC			
Velvetleaf VL			
Cocklebur CBUR			
Milkweed CM			
Pigweed RRP			
Horsenettle HN			
Bindweed -Field FBW			
Bindweed -Hedge HBW			
Smartweed -Penn. PSM			
Smart -Swamp SSM			
Dogbane -Hemp HDB			
Lambsquarter LQU			
Ragweed CRAG			
Ragweed -Giant GRAG			
Dock -Curly CD			
Nightshade -Black BNS			
Jimsonweed JW			
Canada Thistle CTH			
Yellow Rocket YR			
Perennials P			
Pokeweed PW			
Other			
Other			
Other			
Other			

BIOENT AGRICULTURAL CONSULTING

BEAN INSECT AND DISEASE REPORT



Grower M54 Field Name G3R3
 Date 8/5/2022 Crop Stage Flower Plant Height 12-16"
 Ave.(n=5) Stand Count Soil Moisture 60/65(0-24)"
 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 good
Nitrogen ok
Deficiency none
Total Leaf Damage Deer feeding %
Round-up Seed Yes No

INSECT SPECIES	LIFE STAGE (ELPA)	EVALUATION	DIST. (S-G)	THRESHOLD actual B/N/A	proj. <>	COMMENTS
Cutworm/Army worm	larvae	% plts affected				
Ear Worm/Corn Borer	larvae adult	% plts affected				
Bean leaf Beetle	adult	% leaf damage				
W.C.Rootworm	adult	Beetles/plant				
Japanese Beetle	larvae adult	% leaf damage				<u>ok</u>
Cloverworms	larvae adult	% leaf damage				
Potato Leafhopper	larvae adult	# per leaf				
Spider Mites	larvae adult	% plants affected				
Other	larvae adult					
Other	larvae adult					

DISEASES	PLT/PART Affected (sampled)	Region AFFECTED (range)	EVALUATION % Plts. Aff.	THRESHOLD B/N/A	DIST. G/S/L	COMMENTS
Common Blight						
Anthracoese						
Powdery Mildew						
Rust						<u>ok</u>
White Mold						
Root Rot						
Virus						
Other						

Comments: Heavy Deer feeding Leaves throughout plot scattered plants with over 50% of foliage gone. Deer feeding will likely affect total yields.