

BioEnt Agricultural Consulting Gary Manley 269-273-7070

CORN INSECT AND DISEASE REPORT

Grower MSU
 Field(s) ~~6125~~ 6125



ACTION

None Required
 Watch
 Yes, see below

Date 9/2 2004 Crop Stage Dent Plant Height
 Soil Moisture 65 0-12" 75 12+" 70+ %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 ok
 General Appearance good
 Leaf Color good
 Nitrogen ok
 Deficiency none
 Air Temperature
 Plant Temperature 80+ 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
Anthracnose						
NCLS						
LB Leaf Blight						
Rust						
<u>TAR Spot</u>		<u>general - starting to brown (all leaves)</u>			<u>lower leaves.</u>	

Comments:

Tip of ears showing draw back, may have been due to dry ~~cont~~ conditions at pollination.

BioEnt - Early Season Survey

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

Seed Corn Corn Soybeans Wheat Green Beans Hay Sorghum Date 9/2/21
 Field Name/Number G2R5 Grower MSU Growth Stage _____
 General Appearance _____ Size 8' Variance OK Leaf Color OK Variance Mixed
 Plant Population _____ Soil Moisture 0-12 65 12-24 70 24+ _____ %AWC _____

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 Dense Spots
 Grasses Broadleaves Perennials

ACTION:
 None Required see notes
 Watch
 Yes, see comments

Comments:
 Bottom 1/2 of plant with
 dead leaves
 upper regions showing
 die back

- | | |
|--|--|
| <input type="checkbox"/> Annual Grasses AG | <input type="checkbox"/> Pigweed RRP |
| <input type="checkbox"/> Foxtail F | <input type="checkbox"/> Horsenettle HN |
| <input type="checkbox"/> Panicum -Fall FP | <input type="checkbox"/> Bindweed -Field FBW |
| <input type="checkbox"/> Quack grass QG | <input type="checkbox"/> Bindweed -Hedge HBW |
| <input type="checkbox"/> Wirestem Muhly WM | <input type="checkbox"/> Smartweed -Penn. PSM |
| <input type="checkbox"/> Maretail MT | <input type="checkbox"/> Smart -Swamp SSM |
| <input type="checkbox"/> Crabgrass CG | <input type="checkbox"/> Dogbane -Hemp HDB |
| <input type="checkbox"/> Johnsongrass JG | <input type="checkbox"/> Lambsquarter LQU |
| <input type="checkbox"/> Shattercane SCA | <input type="checkbox"/> Ragweed CRAG |
| <input type="checkbox"/> Nutsedge NS | <input type="checkbox"/> Ragweed -Giant GRAG |
| <input type="checkbox"/> Winter Annuals WA | <input type="checkbox"/> Dock -Curly CD |
| <input type="checkbox"/> Chickweed CW | <input type="checkbox"/> Nightshade -Black BNS |
| <input type="checkbox"/> Biannuals WB | <input type="checkbox"/> Jimsonweed JW |
| <input type="checkbox"/> Cover Crop CC | <input type="checkbox"/> Canada Thistle CTH |
| <input type="checkbox"/> Velvetleaf VL | <input type="checkbox"/> Yellow Rocket YR |
| <input type="checkbox"/> Cocklebur CBUR | <input type="checkbox"/> Pokeweed PW |
| <input type="checkbox"/> Milkweed CM | <input type="checkbox"/> Wild Corn WC |

Natural finishing of
 disease on leaves
 looks like
 Anthracnose

Germination No 1/4" Root Spike PE
 Emergence Breaking VC / V1
 Nutrient Deficiency Spots General _____
 Soil Compaction: Soil Surface:
 Spots General Hard Crusted
 Standing Water Small Spots Large Spots
 Herbicide damage Emergence stress
 Physiological Disorder in Corn Yellowish whorl
 Buggywip Stalk bending Twisted whorl
 Doubles _____ % Corn
 Density _____ Variance _____
 Growth finishing Variance _____
 Plant spacing _____ Variance _____
 Emergence _____ Variance _____
 Soil Temperature _____ 2"

<input type="checkbox"/> Cutworms CW	<input type="checkbox"/> White Grubs WG	<input type="checkbox"/> Seed Corn Maggots
<input type="checkbox"/> Armyworms AW	<input type="checkbox"/> Flea Beetles FB	<input type="checkbox"/> Foliar Disease-Rust
<input type="checkbox"/> Stalkborers SB	<input type="checkbox"/> Aphids A	<input checked="" type="checkbox"/> Foliar Disease-Fungi
<input type="checkbox"/> Wireworms WW	<input type="checkbox"/> Slugs S	<input type="checkbox"/> Corn Borer-% _____
<input type="checkbox"/> Spider Mites SM	<input type="checkbox"/> Leafhoppers LH	<input type="checkbox"/> Stunted plants

<input type="checkbox"/> Root Damage	<input type="checkbox"/> Plants
<input type="checkbox"/> Insects	<input type="checkbox"/> Purplish
<input type="checkbox"/> Diseases	<input type="checkbox"/> Yellowish
<input type="checkbox"/> Nematodes	<input type="checkbox"/> Stunting

BioEnt – Early Season Survey

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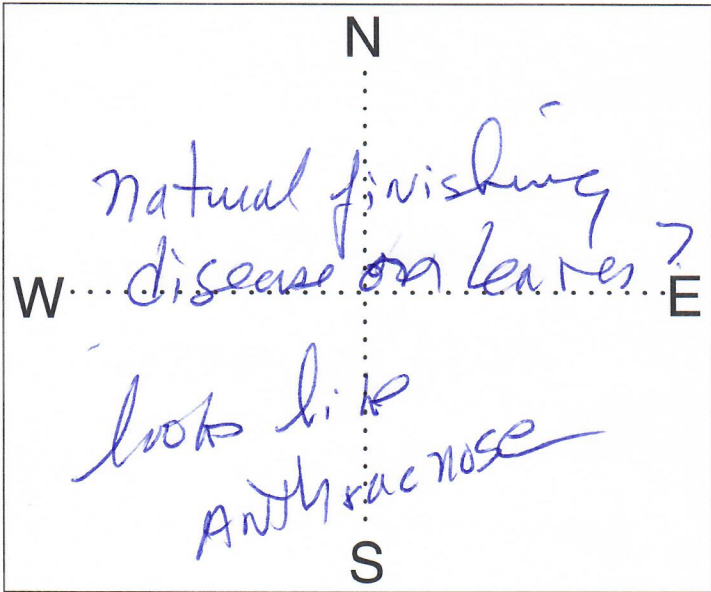
Seed Corn Corn Soybeans Wheat Green Beans Sorgham Date 7/2/2021
 Field Name/Number @3R5 Grower MBU Growth Stage _____
 General Appearance _____ Size 6-8' Variance mixed Leaf Color mixed Variance _____
 Plant Population _____ Soil Moisture 0-12 65 12-24 70 24+ 70 %AWC _____

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 Grasses Broadleaves Perennials

ACTION:
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 Watch *See notes*
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Comments:
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- | | |
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