**BioEnt Agricultural Consulting**  
**Gary Manley**  
**269-273-7070**  
**CORN INSECT AND DISEASE REPORT**

**Grower:** M4  
**Field(s):** GIR2

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**Date:** 8/12 2018  
**Crop Stage:** Milk  
**Plant Height:** Normal

**Soil Moisture:** 50-55  
**0-12" 50-55 12+"%AWC**

**VT:** 100% Leaves  
**Silk:** 10% 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

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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

- **Spider Mites**  
  - % plants affected

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**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**
- **Rust**

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**Comments:**  
Bottom leaves burned to just below ear set due to dryness.  
Pollination good, but ears small due to dryness.
BioEnt – Early Season Survey  Gary Manley 269-273-7070 or 269-816-1080

☐ Seed Corn ☐ Corn ☐ Soybeans ☐ Wheat ☐ Green Beans ☐ Sorghum

Field Name/Number: C2R2  Grower: May Growth Stage: Green Sprout

General Appearance: Size: 4\"  Variance: OK  Leaf Color: Good  Variance: OK

Plant Population: OK  Soil Moisture: 0-12  60  12-24  60  24+  %AWC

 ACTION:
☐ None Required
☐ Watch
☐ Yes, see comments

Comments:
Few scattered weeds but sorghum is corn growing them.

Vigor: ☑ Good  ☐ OK  ☐ Poor
Stress: ☑ Heat  ☐ Moisture  ☑ Nitrogen  ☐ General  ☐ Spotty
Stress-Chlorophyll: ☑ None  ☑ Low  ☑ High  ☐ General  ☐ Spotty
Weed Control: ☐ Good  ☑ OK  ☐ Poor  ☐ Spotty  ☑ Dense Spots
☐ Grasses  ☑ Broadleaves  ☑ Perennials

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

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

Germination ☐ No  1/4" Root ☑ Spike PE
Emergence ☐ Breaking  ☑ VC / V1
Nutrient Deficiency ☑ Spots  ☐ General
Soil Compaction: ☐ Spots  ☑ General  ☐ Hard  ☐ Crusted
Standing Water ☑ Small Spots  ☐ Large Spots
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Density ☐ Variance
Growth ☑ good  Variance ☑ good
Plant spacing ☐ Variance
Emergence ☑ Variance
Soil Temperature 2\"

Cutworms CW ☐ White Grubs WG
☐ Armyworms AW  ☐ Flea Beetles FB
☐ Stalkborers SB  ☐ Aphids A
☐ Wireworms WW  ☐ Slugs S
☐ Spider Mites SM  ☐ Leafhoppers LH

Seed Corn Maggots ☐ Foliar Disease-Rust
Foliar Disease-Fungi ☐ Corn Borer-%
Stunted plants ☐ Root Damage
Insects ☐ Plants
Diseases ☐ Purplish
Nematodes ☐ Yellowish
Stunting ☐ Stunting