**CORN INSECT AND DISEASE REPORT**

**Grower:** MSU

**Field(s):** T1R4

**Date:** 9/21/2067

**Crop Stage:** 0-12"

**Plant Height:**

**Soil Moisture:**

**%AWC:**

**VT:** Leaves  Silk  % Pollination  good / fair / poor

**Vigor:**
- Good
- Ok
- Poor

**Stress:**
- Heat
- Moisture
- Nitrogen

**Stress-Chlorophyll:**
- None
- Low
- High

**Weed Control:**
- Good
- Ok
- Poor
- Spotty

- Grasses
- Broadleaves
- Perennials

**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 | | | |

**DISEASES** | **PLT/PART Affected (sampled)** | **AFFECTED (range)** | **LESIONS square inch ear leaf** | **EVALUATION % Plts. Aff.** | **THRESHOLD B/N/A** | **DIST. G/S/I**
---|---|---|---|---|---|---
Anthracnose | | | | | | |
NCLS | | | | | | |
LB Leaf Blight | | | | | | |
Rust | | | | | | |

**Comments:**

Black layer - Needs time to dry down -
Soil conditions remain dry - 250% AWC

Plants mostly brown -
# CORN INSECT AND DISEASE REPORT

**Grower:** MY

**Field(s):** 72R4

**Date:** 9/21 2007

**Crop Stage:** Drying Down

**Plant Height:**

**Soil Moisture:** 0-12" 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

## INSECT SPECIES

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## DISEASES

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## Comments:
- Plants mostly brown - Condition very dry.
- Black Japen - dry < 50% AWC
**BioEnt Agricultural Consulting**  Gary Manley 269-273-7070  
**CORN INSECT AND DISEASE REPORT**

**Grower**  M54  
**Field(s)**  T3R4  

**Date**  9/3/2007  
**Crop Stage**  Plant Height  

<table>
<thead>
<tr>
<th>Soil Moisture</th>
<th>0-12&quot;</th>
<th>12+&quot;</th>
<th>%AWC</th>
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**VT**  Leaves  Silk  % Pollination  

**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  

**ACTIVITY**  
- [ ] None Required  
- [ ] Watch  
- [ ] Yes, see below  

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**Comments:**  
- Plants mostly brown  
- Black Layer - Condition very dry 1 50% AWC
BioEnt Agricultural Consulting  Gary Manley 269-273-7070
CORN INSECT AND DISEASE REPORT

Grower: MSU  \hspace{1cm}  Field(s): TYR4

Date: 9/24/2007  Crop Stage: Mixed  Plant Height: Mixed
Soil Moisture: L50  0-12"  L50  12+"  %AWC

VT Leaves  Silk  % Pollination  good / fair / poor

ACTION
\(\checkmark\) None Required
\(\square\) Watch
\(\checkmark\) Yes, see below

Vigor:  
- \(\checkmark\) Good  \(\square\) Ok  \(\square\) Poor  \(\checkmark\) General  \(\square\) Spotty

Stress:  
- \(\checkmark\) Heat  \(\square\) Moisture  \(\square\) Nitrogen  \(\checkmark\) General  \(\square\) Spotty

Stress-Chlorophyll:  
- \(\checkmark\) None  \(\square\) Low  \(\checkmark\) High  \(\checkmark\) General  \(\square\) Spotty

Weed Control:  
- \(\checkmark\) Good  \(\square\) Ok  \(\square\) Poor  \(\square\) Spotty
- Grasses  Broadleaves  Perennials

In row: Foxtail

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DISEASES  
- Anthracose  
- NCLS  
- LB  Leaf Blight  
- Rust

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| Comments:  

Very dry conditions plants are showing die back due to dryness. Corn finishing from dough to dent stages.
**BioEnt – Early Season Survey**  
Gary Manley 269-273-7070 or 269-816-1080

- Seed Corn
- Corn
- Soybeans
- Wheat
- Green Beans

Field Name/Number: [REDACTED]  
Grower: [REDACTED]  
Growth Stage: [REDACTED]

General Appearance:  
Size:  
Variance:  
Leaf Color:  
Variance:  

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

**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

**Comments:**

Alfalfa – very little regrowth due to dry conditions. Lots of growth 0 – 2' range.

**Action:**

- None Required
- Watch
- [REDACTED]

**Germination**

- No
- 1/4" Root

**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
- Buggywip
- Stalk bending
- Twisted whorl

**Doubles**

- %

**Density**

- Variance

**Growth**

- Variance

**Plant spacing**

- Variance

**Emergence**

- Variance

**Soil Temperature**

- 2”

**Insects**

- Alfalfa CW
- Armyworms AW
- Stalkborers SB
- Wireworms WW
- Spider Mites SM
- White Grubs WG
- Flea Beetles FB
- Aphids A
- Slugs S
- Leafhoppers LH
- Foliar Disease-Rust
- Foliar Disease-Fungi
- Corn Borer-%
- Stunted plants

**Diseases**

- Root Damage
- Insects
- Plants
- Purplish
- Diseases
- Yellowish
- Nematodes
- Stunting
**BioEnt Agricultural Consulting**  
Gary Manley 269-273-7070

**CORN INSECT AND DISEASE REPORT**

**Grower:** MSU  
**Field(s):** N/Rate Irrigated

---

**Date:** 9/21/2007  
**Crop Stage:** VT  
**Plant Height:** 12’+

**Soil Moisture:** 65/70  
0-12”  
12”+  
%AWC

**VT Leaves Silk % Pollination good / fair / poor**

**Vigor:**  
- Good  
- Ok  
- Poor  
- General  
- Spotty

**Stress:**  
- Heat  
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**Stress-Chlorophyll:**  
- None  
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**Comments:**

- Corn moisture 35/40%, range  
- Corn still green / Black layer 4-2 weeks  
- Needs 70% AWC until Black layer  
- Watch soil moisture. Apply irrigation cycle within week.
CORN INSECT AND DISEASE REPORT

Grower: MSH
Field(s): No Rate - Non Irrigated

Date: 9/21/2004
Crop Stage: Dry Down
Plant Height: 
Soil Moisture: 0-12" %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

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 larvae % 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

- Anthracose
- NCLS
- LB Leaf Blight
- Rust

Comments: Plants mostly brown, very dry 25% - dry down stage, Black layer.