BioEnt – Early Season Survey

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

Date: 5/24/2018

[Checkboxes for Seed Corn, Corn, Soybeans, Wheat, Green Beans selected]

Field Name/Number: G127
Grower: WGA
Growth Stage: V2

General Appearance: OK
Size: OK
Variance: A
Leaf Color: OK
Variance: A

Plant Population: Below
Soil Moisture: 0-12
12-24
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
❑ Watch
❑ Yes, see comments

Comments:

Annual Grasses AG
❑ Foxtail F
❑ Panicum -Fall FP
❑ Quack grass QG
❑ Wiresem Muhly WM
❑ Marestail MT
❑ Crabgrass CG
❑ Johnsongrass JG
❑ Shatercane SCA
❑ Nutsedge NS
❑ Winter Annuals WA
❑ Chickweed CW
❑ Biannuals WB
❑ Cover Crop CC
❑ Velvetleaf VL
❑ Cocklebur CBUR
❑ Milkwheat 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
❑ Poxweed 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
❑ Buggywip
❑ Stalk bending
❑ Twisted whorl

Doubles
❑ %

Density
❑ Variance

Growth
❑ Variance

Plant spacing
❑ Variance

Emergence
❑ Variance

Soil Temperature
❑ Good

Cutworms CW
❑ White Grubs WG
❑ Flea Beetles FB
❑ Aphids A
❑ Slugs S
❑ Leafhoppers LH
❑ Seed Corn Maggots
❑ Foliar Disease-Rust
❑ Foliar Disease-Fungi
❑ Corn Borer-%
❑ Stunted plants

Root Damage
❑ Insects
❑ Plants
❑ Purplish
❑ Diseases
❑ Yellowish
❑ Nematodes
❑ Stunting
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General Appearance  Size  Variance  Leaf Color  Variance

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

**ACTION:**

- None Required
- Watch
- Yes, see comments

**Comments:**

Good Weed Control

**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

**Weed Control:**

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**Germination**

- No
- 1/4" Root
- Spike PE

**Emergence**

- Breaking
- VC / V1

**Nutrient Deficiency**

- Spots
- General

**Soil Compaction:**

- Spots
- General
- Hard
- Crusted

**Soil Surface:**

- 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

**Soil Temperature:**

- 2"