### BioEnt – Early Season Survey

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

- **Seed Corn**
- **Corn**
- **Soybeans**
- **Wheat**

**Vigor:**
- Good
- OK
- Poor

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

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

**Weed Control:**
- Good
- OK
- Poor
- Spotty
- Dense Spots

**Grasses**
- Annual Grasses AG
- Foxtail F
- Panicum -Fall FP
- Quack grass QG
- Wirestem Muhly WM
- Field Sandbur FS
- Crabgrass CG
- Johnsongrass JG
- Shattercane SCA
- Nutsedge NS
- Winter Annuals WA
- Chickweed CW
- Biennials WB
- Cover Crop CC
- Velvetleaf VL
- Cocklebur CBUR
- Milkwort CM

**Broadleaves**
- 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
- Canada Thistle CTH
- Yellow Rocket YR
- Perennials P
- Pokeweed PW

**Perennials**
- 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

**Root Damage**
- Insects
- Diseases
- Yellowish
- Nematodes
- Stunting

**Stunted plants**

**Soil Temperature:**
- 2°

**Field Name/Number:**
- GR13

**Date:**
- 6/15/2017

**Growth Stage:**
- Growth Stage

**Leaf Color:**
- Good

**Plant Population:**
- Soil Moisture 0-12

**ACTION:**
- None Required
- Watch
- Yes, see comments

**Comments:**
- 6' 12" Range uniform/good.
**BioEnt – Early Season Survey**  
*Gary Manley 269-273-7070 or 269-816-1080*

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<th>Date</th>
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<td>msl</td>
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**General Appearance**

- Plant Population
- Soil Moisture 0-12
- %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

**Comments:**

- Vz/V2
- Mostly Vz Range
- Some Small Survivors
- Emergence
- Misses Common
- Some Still To Come With Recent Rain
- Sprayed for weed/corn

**Control**

- N 6/8/17

**ACTION:**

- Watch
- Yes, see comments

**Weed:**

- Annual Grasses AG
- Foxtail F
- Panicum -Fall FP
- Quack grass QQ
- Wiresem Muhly WM
- Field Sandbur FS
- Crabgrass CG
- Johnsonsgrass JG
- Shatercane SCA
- Nutsedge NS
- Winter Annuals WA
- Chickweed CW
- Biennials WB
- Cover Crop CC
- Velvetleaf VL
- Cocklebur CBUR
- Milkweed CM
- Pigwee RRP
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- Lambquarter LQU
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- Ragweed -Giant GRAG
- Dock -Curly CD
- Nightshade -Black BNS
- Jimsonweed JW
- Canada Thistle CTH
- Yellow Rocket YR
- Perennials P
- Pokeweed PW
- Arrowgrass AG
- Foxtail F
- Panicum -Fall FP
- Quack grass QQ
- Wiresem Muhly WM
- Field Sandbur FS
- Crabgrass CG
- Johnsonsgrass JG
- Shatercane SCA
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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

**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°

**Root Damage**

- Insects
- Diseases
- Nematodes
- Stunting

**Plants**

- Purplish
- Yellowish

**Stunted plants**
BioEnt – Early Season Survey  Gary Manley 269-273-7070 or 269-816-1080

[Fields marked with ' ]

Field Name/Number  G3R3
General Appearance  Mixed
Size  Mixed
Variance  Mixed
Leaf Color  OK
Variance  OK
Plant Population  70
Soil Moisture  0-12
Growth Stage

ACTION:
[ ] None Required
[ ] Watch
[ ] Yes, see comments

Comments:

VI to PE
Emergence uneven due to dry conditions - Should corn now with recentrain.
Emergence uneven &

G3R3 - looks about same as G3R3

Vigor: [ ] Good  [ ] OK  [ ] Poor
Stress: [ ] Heat  [ ] Moisture  [ ] Nitrogen
Stress-Chlorophyll: [ ] None  [ ] Low  [ ] High
Weed Control: [ ] Good  [ ] OK  [ ] Poor  [ ] Spotty  [ ] Dense Spots

Annual Grasses AG
Foxtail F
Panicum -Fall FP
Quack grass QG
Wiresmuhly WM
Field Sandbur FS
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Germination  [ ] No  [ ] 1/4" Root  [ ] Spike PE
Emergence  [ ] Breaking  [ ] VC / V1
Nutrient Deficiency  [ ] Spotty  [ ] General
Soil Compaction:  [ ] Spots  [ ] General  [ ] Hard  [ ] Crusted
Standing Water  [ ] Small Spots  [ ] Large Spots
Herbicide damage  [ ] Buggywip  [ ] Stalk bending
Physiological Disorder in Corn  [ ] Yellowish whorl
Doubles %
Density Variance
Growth  [ ] OK  [ ] Mixed
Plant spacing Variance
Emergence active high
Soil Temperature 2°

[ ] Cutworms  [ ] White Grubs  [ ] Seed Corn Maggots
[ ] Armyworms  [ ] Flea Beetles  [ ] Foliar Disease-Rust
[ ] Stalkborers  [ ] Aphids  [ ] Foliar Disease-Fungi
[ ] Wireworms  [ ] Slugs  [ ] Corn Borer-%
[ ] Spider mites  [ ] Leathoppers  [ ] Stunted plants

[ ] Root Damage  [ ] Insects  [ ] Plants
[ ] Diseases  [ ] Purplish
[ ] Nematodes  [ ] Yellowish
[ ] Stunting
BioEnt – Early Season Survey

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Seed Corn ☐ Corn ☐ Soybeans ☐ Wheat ☐ Grower M54

Field Name/Number G4R3

General Appearance OK Size Normal Variance OK Leaf Color ok Variance ok

Plant Population_____ Soil Moisture 0-12_____ 12+ 75/25+ %AWC

Growth Stage

Vigor: ☐ Good ☐ OK ☐ Poor Stress: ☐ General ☐ Spotty

Stress-Chlorophyll: ☐ None ☐ Low ☐ High ☐ General ☐ Spotty

Weed Control: ☐ Good ☐ OK ☐ Poor ☐ Spotty ☐ Dense Spots

Comments:

• Mostly VZ - Some may come yet.
• Good weed control.

ACTION:

☐ None Required
☐ Watch
☐ Yes, see comments

Comments:

Germination ☐ No 1/4" Root ☐ Spike PE

Emergence ☐ Breaking ☐ VC / V1

Nutrient Deficiency ☐ Spots ☐ General

Soil Compaction:

☐ General ☐ Spotty

Soil Surface:

Spots ☐ General Hard ☐ Crusted

Standing Water ☐ Small Spots ☐ Large Spots

Herbicide damage ☐ Emergence stress

Physiological Disorder in Corn ☐ Yellowish whorl

Doubles _____%

Density ______ Variance ______

Growth ______ Variance ______

Plant spacing ______ Variance ______

Emergence ok Variance

Soil Temperature 2"

Seed Corn Maggots ☐ Foliar Disease -Rust ☐ Foliar Disease -Fungi

Seed Corn -% Stunted plants

Cutworms ☐ White Grubs ☐ Flea Beetles ☐ Aphids ☐ Slugs ☐ Leafhoppers

Root Damage ☐ Insects ☐ Plants ☐ Purplish

Armyworms ☐ Diseases ☐ Yellowish

Stalkborers ☐ Nematodes ☐ Stunting

Wireworms ☐

Spider mites ☐