### BioEnt – Early Season Survey

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

<table>
<thead>
<tr>
<th>Field Name/Number</th>
<th>Grower</th>
<th>Date</th>
</tr>
</thead>
</table>

**General Appearance**

<table>
<thead>
<tr>
<th>Size</th>
<th>OK</th>
<th>Variance</th>
<th>OK</th>
<th>Leaf Color</th>
<th>OK</th>
<th>Variance</th>
<th>OK</th>
</tr>
</thead>
</table>

**Plant Population**

<table>
<thead>
<tr>
<th>Soil Moisture</th>
<th>0-12</th>
<th>12+</th>
<th>%AWC</th>
</tr>
</thead>
</table>

**Vigor:**

- Good
- OK
- Poor

**Stress:**

- General
- Spotty

**Stress-Chlorophyll:**

- Low
- Light
- General
- Spotty

**Weed Control:**

- Good
- Poor
- Spotty
- Dense Spots

**Comments:**

```
Comments:

7/6 14-16" Range.

No Stover

27/28 27/28 27/28

26,333/acre

Slugs eating in stover area.

7/6 14-16" Range.

No Stover

27/28 27/28 27/28

26,333/acre

Slugs eating in stover area.
```

**ACTION:**

- Control weeds

### Insects

- Cutworms
- Armyworms
- Stalkborers
- Wireworms
- Spider mites

### Diseases

- Foliar Disease
- Nematodes

### Nematodes

- Root Damage
- Plants

### Plants

- Purplish
- Yellowish

### Insects

- Root Damage
- Plants

### Diseases

- Foliar Disease
- Nematodes

### Nematodes

- Root Damage
- Plants

### Plants

- Purplish
- Yellowish
### BioEnt – Early Season Survey

**Field Name/Number:** G2RY

**General Appearance:**
- Size: OK
- Variance: OK

**Plant Population:**
- OK
- Soil Moisture 0-12: 75/80
- 12+: 75/80
- %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:

- Tom Stover
- 24 2d 31 32 31 32
- 20 63 2.4/2
- 14-16" Range
- 30 833/ACRE

**Field Name/Number:** G2RY

**General Appearance:**
- Size: OK
- Variance: OK

**Plant Population:**
- OK
- Soil Moisture 0-12: 75/80
- 12+: 75/80
- %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

**STOVER:**
- 30 2d 31 32 31 32 31
- 30 833/ACRE

**Comments:**

- Tom Stover
- 24 2d 31 32 31 32
- 20 63 2.4/2
- 14-16" Range
- 30 833/ACRE

### Action:

- None Required
- Watch
- Yes, see comments

### Comments:

- Tom Stover
- 24 2d 31 32 31 32
- 20 63 2.4/2
- 14-16" Range
- 30 833/ACRE
### BioEnt – Early Season Survey

**Grower:**

<table>
<thead>
<tr>
<th>Field Name/Number</th>
<th>Growth Stage</th>
<th>Date</th>
<th>Comments:</th>
</tr>
</thead>
<tbody>
<tr>
<td>63R1</td>
<td></td>
<td></td>
<td>V7/8 14-16&quot; Range No Stoven 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100</td>
</tr>
</tbody>
</table>

### General Appearance

- Field Name/Number
- Size
- Variance
- Leaf Color
- Variance

### Plant Population

- Soil Moisture 0-12
- %AWC

### 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 QQ
- Wirestern 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
- Milkweed CM

#### Annuals

- Pigwee 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
- Pokeweed PW

### ACTION:

- None Required
- Watch
- Yes, see comments

### Comments:

- V7/8 14-16" Range No Stoven 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

### Map Coordinates:

- N
- S
- E
- W

### Soil Compaction:

- Spots
- General

### Soil Surface:

- Hard
- Crusted

### Standing Water

- Small Spots
- Large Spots

### Herbicide damage

- Emergence stress

### Physiological Disorder in Corn

- Yellowish whorl

### Doubles

- %

### Density

- Variance

### Growth

- OK
- Variance

### Plant spacing

- Variance

### Soil Temperature

- 2"
BioEnt – Early Season Survey

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

Field Name/Number

General Appearance

Plant Population

Size

Variance

Leaf Color

Soil Moisture

%AWC

ACTION:

None Required

Watch

Yes, see comments

Comments:

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 at Currently

W

S

Some insect feeding on leaves (low level)

N

E

GERMINATION

No

1/4" Root

Spike PE

Emergence

Breaking

VC / V1

Nutrient Deficiency

Spots

General

Soil Compaction:

Spots

General

Soil Surface:

Hard

Crusted

Standing Water

Small Spots

Large Spots

Herbicide damage

Emergence stress

Physiological Disorder in Corn

Emergence stress

Yellowish whorl

Buggywip

Stalk bending

Twisted whorl

Doubles

Density

Variance

Growth

Variance

Plant spacing

Variance

Emergence

Variance

Soil Temperature

2"