Comments:
5-6 leaves with Tassel
1/2/13 Range
Spots with Snail feeding on bottom 1-5 leaves due to No-till & wet spring
No effect on yield.
No insect or disease levels

Vigor: Good
Stress: Heat
Weed Control: Good

Field Name/Number: GIRH
General Appearance: OK
Size: 5
Variance: OK
Leaf Color: OK

Plant Population: OK
Soil Moisture: 0-12

ACTION:
None Required

No 1/4" Root
No Spike PE
No 1/4" Root

No 1/4" Root
No Spike PE

Germination
Emergence
Nutrient Deficiency
Soil Compaction:
Standing Water
Herbicide damage
Physiological Disorder in Corn
Doubles
Density
Growth
Plant spacing
Emergence
Soil Temperature

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

Root Damage
Insects
Diseases
Nematodes
Plants
Purplish
Yellowish
**BioEnt – Early Season Survey**

- **Grower:** MSU
- **Date:** 7/13/2014
- **Field Name/Number:** G2R4
- **Growth Stage:** 17/8
- **General Appearance:** OK
- **Size:** 2
- **Variance:** OK
- **Leaf Color:** OK
- **Variance:** 0
- **Plant Population:** OK
- **Soil Moisture:** 0-12

**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:**
- Spotty yellowing of bottom leaves in spots - due to low N
- New growth normal

- 26 28 28 28 28 28 27 1/6 acre

**N**
- No Insect or Disease levels noted

**W**
- Could be due to high rain fall or perhaps late as a result of 1st crop prior to planting

<table>
<thead>
<tr>
<th>Annual Grasses AG</th>
<th>Pigweed RRP</th>
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<tbody>
<tr>
<td>Foxtail F</td>
<td>Horsetail HN</td>
</tr>
<tr>
<td>Panicum - Fall FP</td>
<td>Bindweed - Field FBW</td>
</tr>
<tr>
<td>Quack grass GG</td>
<td>Bindweed - Hedge HBW</td>
</tr>
<tr>
<td>Wirestem Muhly WM</td>
<td>Smartweed - Penn. PSM</td>
</tr>
<tr>
<td>Field Sandbur FS</td>
<td>Smart - Swamp SSM</td>
</tr>
<tr>
<td>Crabgrass CG</td>
<td>Dogbane - Hemp HDB</td>
</tr>
<tr>
<td>Johnsongrass JG</td>
<td>Lambsquarter LOU</td>
</tr>
<tr>
<td>Shatercane SCA</td>
<td>Ragweed CRAG</td>
</tr>
<tr>
<td>Nutsedge NS</td>
<td>Ragweed - Giant GRAG</td>
</tr>
<tr>
<td>Winter Annuals WA</td>
<td>Dock - Curly CD</td>
</tr>
<tr>
<td>Chickweed CW</td>
<td>Nightshade - Black BNS</td>
</tr>
<tr>
<td>Biannuals WB</td>
<td>Jimsonweed JW</td>
</tr>
<tr>
<td>Cover Crop CC</td>
<td>Canada Thistle CTH</td>
</tr>
<tr>
<td>Velvetleaf VL</td>
<td>Yellow Rocket YR</td>
</tr>
<tr>
<td>Cocklebur CBUR</td>
<td>Perennials P</td>
</tr>
<tr>
<td>Milkweed CM</td>
<td>Pockweed PW</td>
</tr>
</tbody>
</table>

- 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
- 2"
BioEnt – Early Season Survey

Field Name/Number [O3 P4]
Growth Stage 77/8
General Appearance [OK]
Size 2
Variance 0
Leaf Color 0
Variance
Plant Population [OK]
Soil Moisture 0-12 [90]
12+ [90] %AWC

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

Comments:
29 29 29 30 29 29
29,166 ACRE
No insect or disease noted

No [Germination] [Emergence] [Nutrient Deficiency]
No [Soil Compaction] [Soil Surface]
No [Standing Water] [Hard] [Crusted]
No [Herbicide damage] [Emergence stress]
No [Physiological Disorder in Corn] [Yellowish whorl]

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

Root Damage [ ] Insects [ ] Diseases [ ] Nematodes [ ] Plants [ ] Purplish [ ] Yellowish [ ] Stunting

No [1/4” Root] [Spike PE]
No [VC / V1]
No [Spots] [General]
No [Spots] [General] [Hard] [Crusted]
No [Small Spots] [Large Spots]
No [Buggywip] [Stalk bending] [Twisted whorl]
No [Doubles] [%]
No [Density]
No [Growth] [Variance]
No [Plant spacing] [Variance]
No [Emergence] [Variance]
No [Soil Temperature] [2”]
BioEnt – Early Season Survey  

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


[Boxed information: Vigor: Good, Stress: General, General Appearance: OK, Spotty, Stress-Chlorophyll: None, Low, High, General, Spotty, Weed Control: Good, OK, Poor, Spotty, Dense Spots, Grasses, Broadleaves, Perennials]  

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

Comments:  

14/5 6-8  
Good Weed Control  

[Diagram: N, S, E, W]  


[Boxes for: Germination, No 1/4” Root, Spike PE, Emergence, Breaking VC/V1, Nutrient Deficiency, Spots, General, Soil Compaction, Soil Surface, 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, OK, Growth, Variance, Plant spacing, Variance, Emergence, Variance, Soil Temperature, 2”]  

[Boxes for: Cutworms, White Grubs, Seed Corn Maggots, Foliar Disease-Rust, Foliar Disease-Fungi, Corn Borer, % Stunted plants, Root Damage, Insects, Purplish, Diseases, Yellowish, Nematodes, Stunting]