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

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

**Grower:** MSY  
**Date:** 5/7/2015

**Field Name/Number:** T/21

**General Appearance:** [ ] Size [ ] Variance [ ] Leaf Color [ ] Variance

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

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

---

**Comments:**

Planted May 19, 2015  
Clean of weeds at X.

---

**N**

**W**

**E**

**S**

- [ ] Annual Grasses AG
- [ ] Foxtail F
- [ ] Panicum -Fall FP
- [ ] Quack grass QG
- [ ] Wirestem Muhly WM
- [ ] Field Sandbur FS
- [ ] Crabgrass CG
- [ ] Johnsongrass JG
- [ ] Shartecane SCA
- [ ] Nutsedge NS
- [ ] Winter Annuals WA
- [ ] Chickweed CW
- [ ] Biannials WB
- [ ] Cover Crop CC
- [ ] Velveteal VL
- [ ] Cocklebur CBUR
- [ ] Milkweed CM

- [ ] Pigweed RRP
- [ ] Horsenettle HN
- [ ] Bindweed -Field FBW
- [ ] Bindweed -Hedge HBW
- [ ] Smartweed -Penn. PSM
- [ ] Smart -Swamp SSM
- [ ] Dogbene -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

- [ ] 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"  

**Insects:**  
- [ ] Cutworms
- [ ] Armyworms
- [ ] Stalkborers
- [ ] Wireworms
- [ ] Spider mites

**Diseases:**  
- [ ] White Grubs
- [ ] Flea Beetles
- [ ] Aphids
- [ ] Slugs
- [ ] Leafhoppers

**Plants:**  
- [ ] Root Damage
- [ ] Insects
- [ ] Purplish
- [ ] Diseases
- [ ] Yellowish
- [ ] Nematodes
- [ ] Stunting

**Weeds:**  
- [ ] Seed Corn Maggots
- [ ] Foliar Disease-Rust
- [ ] Foliar Disease-Fungi
- [ ] Corn Borer-%____
- [ ] Stunted plants

---

**Root Damage**

**Plants**

**Insects**

**Diseases**

**Nematodes**

**Stunting**

---

**Soil Surface:**
- [ ] Spotty
- [ ] Dense Spots

---

**Foliar Disease-Rust**

**Foliar Disease-Fungi**

**Stunted plants**

---

**Emergence stress**
BioEnt – Early Season Survey  Gary Manley 269-273-7070 or 269-816-1080

☐ Seed Corn  ☐ Corn  ☑ Soybeans □ Wheat  ☐  Grower  MSU  Date 5/12/2015

Field Name/Number  T2R1  Growth Stage

General Appearance  Size  Variance  Leaf Color  Variance

Plant Population  Soil Moisture 0-12  good  12+  good  %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:

PE
Planted 5/20/15
15" Row -
No Round-up yet - needs burn down

☐ Annual Grasses AG  ☐ Pigweed RRP
☐ Foxtail F  ☐ Horsenettle HN
☐ Panicum-Fall FP  ☐ Bindweed -Field FFBW
☐ Quack grass QG  ☐ Bindweed -Hedge HBW
☐ Wirestem Muhly WM  ☐ Smartweed -Penn. PSM
☐ Field Sandbur FS  ☐ Smart -Swamp SSM
☐ Crabgrass CG  ☐ Dogbane -Hemp HDB
☐ Johnsongrass JG  ☐ Lambsquarter LQU
☐ Shattercane SCA  ☐ Ragweed CRAG
☐ Nutsedge NS  ☐ Ragweed -Giant GRAG
☐ Winter Annuals WA  ☐ Dock -Curly CD
☐ Chickweed CW  ☐ Nightshade -Black BNS
☐ Biennials WB  ☐ Jimsonweed JW
☐ Cover Crop CC  ☐ Canada Thistle CTH
☐ Velvetleaf VL  ☐ Yellow Rocket YR
☐ Cocklebur CBUR  ☐ Perennials P
☐ Milkweed CM  ☐ Pokeweed PW

☐ 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 Variance
☐ Growth Variance
☐ Plant spacing Variance
☐ Emergence Variance
☐ Soil Temperature °F 2°

☐ Cutworms  ☐ White Grubs  ☐ Seed Corn Maggots  ☐ Root Damage  ☐ Insects
☐ Armyworms  ☐ Flea Beetles  ☐ Foliar Disease-Rust  ☐ Plants  ☐ Purplish
☐ Stalkborers  ☐ Aphids  ☐ Foliar Disease-Fungi  ☐ Diseases  ☐ Yellowish
☐ Wireworms  ☐ Slugs  ☐ Corn Borer-%  ☐ Nematodes  ☐ Stunting
☐ Spider mites  ☐ Leafhoppers  ☐ Stunted plants

111
**BioEnt – Early Season Survey**  
Gary Manley 269-273-7070 or 269-816-1080

<table>
<thead>
<tr>
<th>Field Name/Number</th>
<th>321</th>
</tr>
</thead>
</table>

**General Appearance**

- **Size**: __________
- **Variance**: __________
- **Leaf Color**: __________
- **Variance**: __________

**Plant Population**

<table>
<thead>
<tr>
<th>Soil Moisture 0-12</th>
<th>_________</th>
</tr>
</thead>
</table>

**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  

**Vigor**:  
- [ ] Good  
- [ ] OK  
- [ ] Poor  

**Stress**:  
- [ ] Heat  
- [ ] Moisture  
- [ ] Nitrogen  

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

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

**Comments:**  
Chisel plowed 5/20 - 5/21 2015

**ACTION:**

- [ ] None Required  
- [ ] Watch  
- [ ] Yes, see comments  

**Comments:**

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

<table>
<thead>
<tr>
<th>Action</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ]</td>
<td>Germination</td>
</tr>
<tr>
<td>[ ]</td>
<td>No</td>
</tr>
<tr>
<td>[ ]</td>
<td>1/4&quot; Root</td>
</tr>
<tr>
<td>[ ]</td>
<td>Spike PE</td>
</tr>
<tr>
<td>[ ]</td>
<td>Emergence</td>
</tr>
<tr>
<td>[ ]</td>
<td>Breaking</td>
</tr>
<tr>
<td>[ ]</td>
<td>VC / V1</td>
</tr>
<tr>
<td>[ ]</td>
<td>Nutrient Deficiency</td>
</tr>
<tr>
<td>[ ]</td>
<td>Spots</td>
</tr>
<tr>
<td>[ ]</td>
<td>General</td>
</tr>
<tr>
<td>[ ]</td>
<td>Soil Compaction:</td>
</tr>
<tr>
<td>[ ]</td>
<td>Spots</td>
</tr>
<tr>
<td>[ ]</td>
<td>General</td>
</tr>
<tr>
<td>[ ]</td>
<td>Hard</td>
</tr>
<tr>
<td>[ ]</td>
<td>Crusted</td>
</tr>
<tr>
<td>[ ]</td>
<td>Standing Water</td>
</tr>
<tr>
<td>[ ]</td>
<td>Small Spots</td>
</tr>
<tr>
<td>[ ]</td>
<td>Large Spots</td>
</tr>
<tr>
<td>[ ]</td>
<td>Herbicide damage</td>
</tr>
<tr>
<td>[ ]</td>
<td>Emergence stress</td>
</tr>
<tr>
<td>[ ]</td>
<td>Physiological Disorder in Corn</td>
</tr>
<tr>
<td>[ ]</td>
<td>Yellowish whorl</td>
</tr>
<tr>
<td>[ ]</td>
<td>Buggynip</td>
</tr>
<tr>
<td>[ ]</td>
<td>Stalk bending</td>
</tr>
<tr>
<td>[ ]</td>
<td>Twisted whorl</td>
</tr>
<tr>
<td>[ ]</td>
<td>Doubles</td>
</tr>
<tr>
<td>[ ]</td>
<td>Variance</td>
</tr>
<tr>
<td>[ ]</td>
<td>Density</td>
</tr>
<tr>
<td>[ ]</td>
<td>Variance</td>
</tr>
<tr>
<td>[ ]</td>
<td>Growth</td>
</tr>
<tr>
<td>[ ]</td>
<td>Variance</td>
</tr>
<tr>
<td>[ ]</td>
<td>Plant spacing</td>
</tr>
<tr>
<td>[ ]</td>
<td>Variance</td>
</tr>
<tr>
<td>[ ]</td>
<td>Emergence</td>
</tr>
<tr>
<td>[ ]</td>
<td>Variance</td>
</tr>
<tr>
<td>[ ]</td>
<td>Soil Temperature</td>
</tr>
<tr>
<td>[ ]</td>
<td>2&quot;</td>
</tr>
<tr>
<td>[ ]</td>
<td>Root Damage</td>
</tr>
<tr>
<td>[ ]</td>
<td>Plants</td>
</tr>
<tr>
<td>[ ]</td>
<td>Insects</td>
</tr>
<tr>
<td>[ ]</td>
<td>Purplish</td>
</tr>
<tr>
<td>[ ]</td>
<td>Diseases</td>
</tr>
<tr>
<td>[ ]</td>
<td>Yellowish</td>
</tr>
<tr>
<td>[ ]</td>
<td>Nematodes</td>
</tr>
<tr>
<td>[ ]</td>
<td>Stunting</td>
</tr>
</tbody>
</table>
BioEnt – Early Season Survey

Field Name/Number: TYRI
Grower: TNSU
Date: 5/24/2015
Growth Stage:

General Appearance | Size | Variance | Leaf Color | Variance | 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

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

Comments:
- Rye Cover Crop
- No Tillage yet
- Mayweed – Common
- Yellow mustard
- Chickweed
- Clover

ACTION:
- 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
- Milkweed CM

ACTION:
- 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
- Pokeweed 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 | 2°

ACTION:
- Cutworms
- Armyworms
- Stalkborers
- Wireworms
- Spider mites

ACTION:
- White Grubs
- Flea Beetles
- Aphids
- Slugs
- Leafhoppers

ACTION:
- Seed Corn Maggots
- Foliar Disease-Rust
- Foliar Disease-Fungi
- Corn Borer-%
- Stunted plants

ACTION:
- Root Damage
- Plants
- Insects
- Diseases
- Purplish
- Yellowish
- Nematodes
- Stunting
BioEnt – Early Season Survey  Gary Manley 269-273-7070 or 269-816-1080

Grower: MSL  Date: 6/2/2015

Field Name/Number: Alfalfa - FORI  Growth Stage:

General Appearance  Size  Variance  Leaf Color  Variance

Plant Population  Soil Moisture 0-12  good  12+  good, %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:

15-20” Tall
Cut today -

Golden Rod - Common Hawkweed
Fleabane
Dock

- 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
- Cowpea CM

- Pigweed RRP
- Horsetail 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

- 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
  - Buggwip  Stalk bending  Twisted whorl
- Doubles  %
- Density  Variance
- Growth  Variance
- Plant spacing  Variance
- Emergence  Variance
- Soil Temperature  2”

- Root Damage  Insects  Plants
- Cutworms  White Grubs  Root
- Armyworms  Flea Beetles  Insects
- Stalkborers  Aphids  Diseases
- Wireworms  Slugs  Yellowish
- Spider mites  Leafhoppers  Nematodes
- Seed Corn Maggots  Corn Borer
- Foliar Disease-Rust  Stunted plants
- Foliar Disease-Fungi  Stunted plants

- Purplish
- Yellowish
- Stunting
BioEnt – Early Season Survey  Gary Manley 269-273-7070 or 269-816-1080

Seed Corn  ☐  Corn  ☐  Soybeans ☐  Wheat ☐  Grower  M / S / U  Date 5/24/2015
Field Name/Number  N Rate irrigated  Growth Stage

General Appearance  Size  Variance  Leaf Color  Variance
Plant Population  Soil Moisture 0-12  40%  12+  40%  %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:
Planted today 5-21-15
No weed control
Low weed density

ACTION:
☐ None Required
☐ Watch
☐ Yes, see comments

☐ Annual Grasses AG  ☐ Pigweed RRP
☐ Foxtail F  ☐ Horsenettle HN
☐ Panicum -Fall FP  ☐ Bindweed -Field FBW
☐ Quack grass QG  ☐ Bindweed -Hedge HBW
☐ Wirestem Muhly WM  ☐ Smartweed -Penn. PSM
☐ Field Sandbur FS  ☐ Smart -Swamp SSM
☐ Crabgrass CG  ☐ Dogbane -Hemp HBW
☐ Johnsongrass JG  ☐ Lambsquarter LQU
☐ Shattercane SCA  ☐ Ragweed CRAG
☐ Nutsedge NS  ☐ Ragweed -Giant GRAG
☐ Winter Annuals WA  ☐ Dock -Curly CD
☐ Chickweed CW  ☐ Nightshade -Black BNS
☐ Biannials WB  ☐ Jimsonweed JW
☐ Cover Crop CC  ☐ Canada Thistle CTH
☐ Velvetleaf VL  ☐ Yellow Rocket YR
☐ Cocklebur CBUR  ☐ Perennials P
☐ Milkweed CM  ☐ Pokeweed PW

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 ________ Variance ________
Growth ________ Variance ________
Plant spacing ________ Variance ________
Emergence ________ Variance ________
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  ☐  Leafhoppers  ☐  Stunted plants

Root Damage  ☐  Insects  ☐  Plants
☐ Diseases  ☐  Purplish
☐ Nematodes  ☐  Yellowish
☐ Stunting
BioEnt – Early Season Survey  Gary Manley 269-273-7070 or 269-816-1080

☐ Seed Corn  ☐ Corn  ☐ Soybeans  ☐ Wheat  ☐ Grower  269-273-7070  Date  5/20/15

Field Name/Number  N Rake  non-irrigated  Growth Stage

General Appearance  Size  Variance  Leaf Color  Variance  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

ACTION:
☐ None Required
☐ Watch
☐ Yes, see comments

Comments:

Planted today
No Weed Control
Low Weed Density

Annual Grasses AG  ☐ Pigweed RRP
Foxtail F  ☐ Horsenettle HN
Panicum -Fall FP  ☐ Bindweed -Field FBW
Quack grass QG  ☐ Bindweed -Hedge HBW
Wirestem Muhly WM  ☐ Smartweed -Penn. PSM
Field Sandbur FS  ☐ Smart -Swamp SSM
Crabgrass CG  ☐ Dogbane -Hemp HDB
Johnsongrass JG  ☐ Lambsquarter LQU
Shattercane SCA  ☐ Ragweed CRAG
Nutsedge NS  ☐ Ragweed -Giant GRAG
Winter Annuals WA  ☐ Dock -Curly CD
Chickweed CW  ☐ Nightshade -Black BNS
Biannuals WB  ☐ Jimsonweed JW
Cover Crop CC  ☐ Canada Thistle CTH
Velvetleaf VL  ☐ Yellow Rocket YR
Cocklebur CBUR  ☐ Perennials P
Milkweed CM  ☐ Pokeweed PW

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 ________ Variance ________
Growth ________ Variance ________
Plant spacing ________ Variance ________
Emergence ________ Variance ________
Soil Temperature ________ 2°

Cutworms  ☐ Root Damage  ☐ Insects
Armyworms  ☐ Plants  ☐ Purplish
Stalkborers  ☐ Diseases  ☐ Yellowish
Wireworms  ☐ Nematodes  ☐ Stunting
Spider mites  ☐ Stunted plants
White Grubs  ☐ Foliar Disease-Rust
Flea Beetles  ☐ Foliar Disease-Fungi
Aphids  ☐ Corn Borer-%_______
Slugs  ☐ Stunted plants
Leafhoppers  ☐

W

E

N

S

2015-04-22 20:30:15