

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

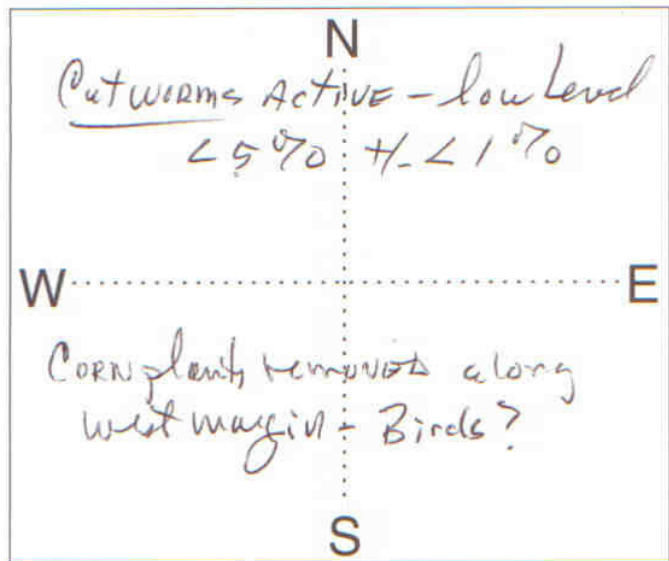
Seed Corn  Corn  Soybeans  Wheat  \_\_\_\_\_ Grower MSU Date 5/30 2013  
 Field Name/Number GIRY Growth Stage V4  
 General Appearance OK Size 4-5" Variance OK Leaf Color OK Variance OK  
 Plant Population 32,600/A Soil Moisture 0-12 Wet 12+ Wet %AWC \_\_\_\_\_

**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:**  
 Counts for Plant Population:  
34 36 30 31 32  
 $\bar{Y} = 32,600 \text{ Acre}$

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



- |   |   |  |                                   |
|---|---|--|-----------------------------------|
| <input type="checkbox"/> Germination                    | <input type="checkbox"/> No               | <input type="checkbox"/> 1/4" Root     | <input type="checkbox"/> Spike PE |
| <input type="checkbox"/> Emergence                      | <input type="checkbox"/> Breaking         | <input type="checkbox"/> VC/V1         |                                   |
| <input type="checkbox"/> Nutrient Deficiency            | <input type="checkbox"/> Spots            | <input type="checkbox"/> General       |                                   |
| <input type="checkbox"/> Soil Compaction:               | <input type="checkbox"/> Soil Surface:    |  |                                   |
| <input type="checkbox"/> Spots                          | <input type="checkbox"/> General          | <input type="checkbox"/> Hard          | <input type="checkbox"/> Crusted  |
| <input type="checkbox"/> Standing Water                 | <input type="checkbox"/> Small Spots      | <input type="checkbox"/> Large Spots   |                                   |
| <input type="checkbox"/> Herbicide damage               | <input type="checkbox"/> Emergence stress |  |                                   |
| <input type="checkbox"/> Physiological Disorder in Corn | <input type="checkbox"/> Yellowish whorl  |  |                                   |
| <input type="checkbox"/> Buggywip                       | <input type="checkbox"/> Stalk bending    | <input type="checkbox"/> Twisted whorl |                                   |
| <input type="checkbox"/> Doubles _____ %                |   |  |                                   |
| <input type="checkbox"/> Density _____                  | Variance _____                            |  |                                   |
| <input type="checkbox"/> Growth _____                   | Variance _____                            |  |                                   |
| <input type="checkbox"/> Plant spacing _____            | Variance _____                            |  |                                   |
| <input type="checkbox"/> Emergence _____                | Variance _____                            |  |                                   |
| <input type="checkbox"/> Soil Temperature _____         | 2"  |  |                                   |

- |  |                                       |   |
|--|---------------------------------------|---|
| <input checked="" type="checkbox"/> Cutworms | <input type="checkbox"/> White Grubs  | <input type="checkbox"/> Seed Corn Maggots    |
| <input type="checkbox"/> Armyworms           | <input type="checkbox"/> Flea Beetles | <input type="checkbox"/> Foliar Disease-Rust  |
| <input type="checkbox"/> Stalkborers         | <input type="checkbox"/> Aphids       | <input type="checkbox"/> Foliar Disease-Fungi |
| <input type="checkbox"/> Wireworms           | <input type="checkbox"/> Slugs        | <input type="checkbox"/> Corn Borer-% _____   |
| <input type="checkbox"/> Spider mites        | <input type="checkbox"/> Leafhoppers  | <input type="checkbox"/> Stunted plants       |

- |                                      |                                    |
|--------------------------------------|------------------------------------|
| <input type="checkbox"/> Root Damage | <input type="checkbox"/> Plants    |
| <input type="checkbox"/> Insects     | <input type="checkbox"/> Purplish  |
| <input type="checkbox"/> Diseases    | <input type="checkbox"/> Yellowish |
| <input type="checkbox"/> Nematodes   | <input type="checkbox"/> Stunting  |

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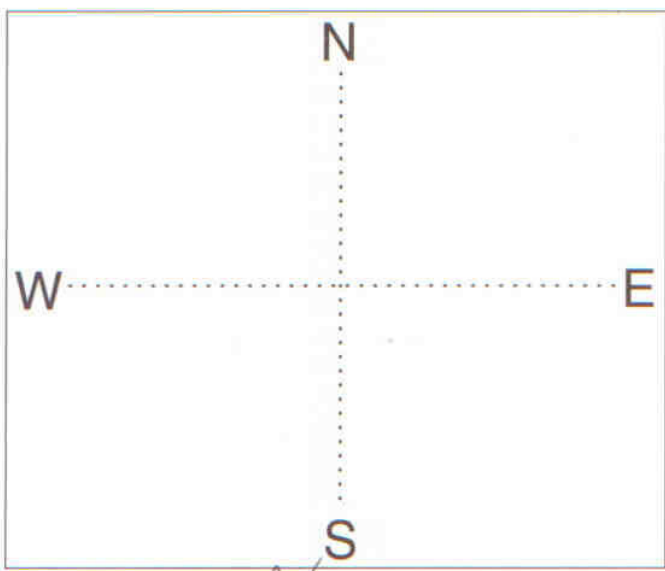
Seed Corn  Corn  Soybeans  Wheat  \_\_\_\_\_ Grower MSU Date 5/30/2013  
 Field Name/Number Eye currently C Growth Stage Heading  
 General Appearance \_\_\_\_\_ Size \_\_\_\_\_ Variance \_\_\_\_\_ Leaf Color \_\_\_\_\_ Variance \_\_\_\_\_  
 Plant Population \_\_\_\_\_ Soil Moisture 0-12 wet 12+ wet %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:**  
early flower  
G2R5 / G3R4  
G4R4  
No current armyworm larvae found.

- |  |  |
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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"

- |   |                                       |   |
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- |                                      |                                    |
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