

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

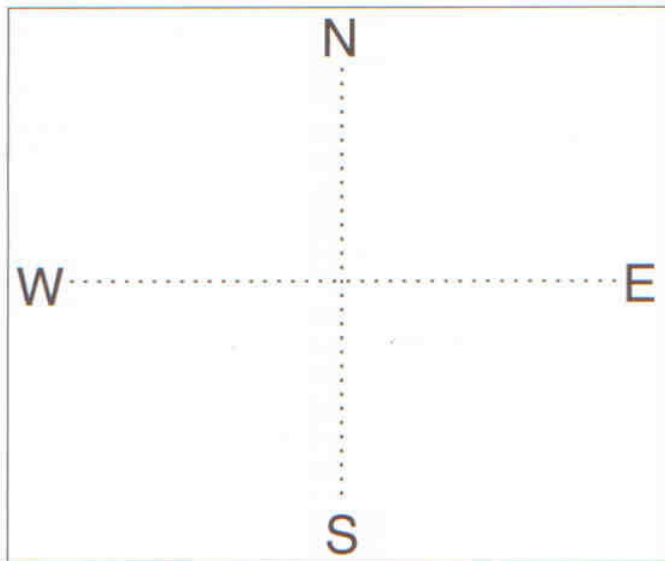
Seed Corn  Corn  Soybeans  Wheat  \_\_\_\_\_ Grower MSU Date 5/16/2013  
 Field Name/Number GIR1 Growth Stage PE  
 General Appearance PE Size \_\_\_\_\_ Variance \_\_\_\_\_ Leaf Color \_\_\_\_\_ Variance UE  
 Plant Population \_\_\_\_\_ Soil Moisture 0-12 65-70 12+ 90% %AWC

**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:**  
 Close to emergence -  
 Spike just underground  
 Soil temp. 2"  
 81°F 3:00 p.m.  
 Sunny

- |  |  |
|--|--|
| <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 type="checkbox"/> Perennials P          |
| <input type="checkbox"/> Milkweed CM       | <input type="checkbox"/> 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"

- |                                       |                                       |   |
|---------------------------------------|---------------------------------------|---|
| <input 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  |