

Citizen Science for Great Lakes Cover Crops

Date: _____

Farm ID: _____

Field ID: _____

(these IDs should be the same as what you submitted in the Farm & Management survey)

Instructions:

1. Navigate to your cover crop field and **take a photo** of the entire field.
2. **Rate the level of patchiness** of the cover crops across the entire field (1 = not patchy at all; 3 = half bare soil, half cover crop; 5 = extremely patchy):

1	2	3	4	5
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3. Next, navigate to a location in your field with **average** cover crop growth, making sure to avoid field edges.
4. Holding your arm out parallel to the ground, **take a photo of the cover crop canopy**. The photo should be directly overlooking the cover crops, like an aerial photo (i.e., NOT at an angle). Make sure to avoid capturing any shadows, shoes, or other objects in the photo.
5. In the space provided on the next page, **rate the amount of weed pressure** on a scale of 1 to 5, and collect **height measurements** for three average cover crop plants.
6. Repeat steps 3-5 at two more locations in your field.
7. When you are finished with your field assessment, take a picture of (or scan) these data sheets, and send them, along with your cover crop canopy photos, to herricke@umich.edu.

What cover crop species are you collecting measurements for? _____

Circle the unit of your height measurements: *inches* *centimeters*

Sampling location #1

Weed pressure (1 = very low; 3 = half weed/half cover crop biomass; 5 = very strong):

1 2 3 4 5

Height measurements:

Plant 1: _____

Plant 2: _____

Plant 3: _____

Sampling location #2

Weed pressure (1 = very low; 3 = half weed/half cover crop biomass; 5 = very strong):

1 2 3 4 5

Height measurements:

Plant 1: _____

Plant 2: _____

Plant 3: _____

Sampling location #3

Weed pressure (1 = very low; 3 = half weed/half cover crop biomass; 5 = very strong):

1 2 3 4 5

Height measurements:

Plant 1: _____

Plant 2: _____

Plant 3: _____