

Farmer-Led Research 2019:

Minimizing tillage for greens with tarps and woven fabric



General Observations

Farm Name: _____

Take lots of good photographs

For each of the treatments, including control:

What was the general ease of each method?

What weed species were present for each method?

Where there any resistant weeds in any of the methods?

How effective was residue incorporation for each method?

What was the weed suppression for each method?

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WEED CONTROL



COMMUNITY



SOIL HEALTH

Labour Measurements

Farm Name: _____

Tasks to track: Tarp/fabric set-up and maintenance (e.g. moving, burying, pinning); seeding; cultivation, weeding
Weeding time will be used to track “effectiveness of weed suppression”

Date	Block (or Crop)	Treatment	Task	Start time	End time	Total time	People working

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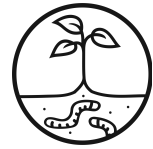
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WEED CONTROL



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SOIL HEALTH

Soil Moisture Measurements - MATT ONLY

Farm Name: _____

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Measure soil moisture in treatment and control plots immediately after removing the cover in treatment plots.

Date	Block (or Crop)	Treatment	How long has soil been covered? (approx, days)	Soil moisture reading

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WEED CONTROL



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SOIL HEALTH

Yield Measurements

Farm Name: _____

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Harvest sample sections of known length (e.g. 10') within beds; and weigh in the field.

Either record bin weight + total weight (if using untarred bins) **or** greens weight (if using tarred bins)

Date	Block (or Crop)	Treatment	Bed feet	Bin weight (if not tarred)	Total weight (bin + greens)	Greens weight (if bin is tarred)