

Solarization: a potential tool for managing weeds and soilborne pathogens in organic agriculture.

Caleb Trammell

My Project: Gathering Together Farm

Can soil solarization effectively control weeds and plant pathogens on an organic farm?



Before: 07/13/2016



After: 08/24/2016

In Conclusion:

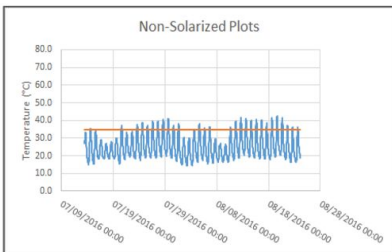
Further analyses are required, but soil temperatures achieved were satisfactory.

What's to come...

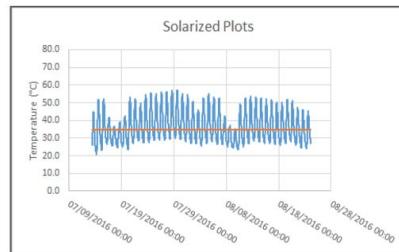
- Pathogen/Weed analyses.
- Soil Physical analyses.
- Nutrient analyses.
- Microbial Community analyses.



Results: Temperature Data at 5 centimeters



Hours Over 35°C: 120



Hours Over 35°C: 472

Special Thanks

Dr. Jennifer Parke
Dr. John Yeo
Dr. Fumi Funahashi
Shannon Andrews
Joyce Eberhart
Brian Hill
Clara Weidman
And many others...

