

Agronomy Research 2014

Sustainable Agriculture Research Education (S.A.R.E) Grant Initiative

Research evaluates different tropical cover crops and their ability to be terminated with a roller-crimper to produce surface sheet mulch for improved weed suppression and soil moisture retention in the following vegetable crop rotation.



Control



Custom built Roller-Crimper and the termination of the Sunn Hemp cover crop resulting in a thick layer of surface sheet mulch



Multiple Use Crops: Did you know that many cover crops can serve multiple functions at once? Here we can see bees foraging pollen and nectar from sun flowers planted as a cover crop.



Sunn Hemp

Biofuel Production in a Changing Climate



STX can serve as a model for climate change research. Here we see Guinea Grass evaluated as a potential biofuel.



Sunn Hemp provides protein to sheep.



Sunflower



Direct seeding using a "No-Till" Drill to plant Sunn Hemp into Hurricane Grass to improve pasture quality!

