



Research Topics Submitted To The Gardening Research Initiative (GRI) of Project Grow Community Gardens

A Capstone Project With The Michigan Conservation Stewards Program (MCSP)
Michigan State University Extension, Contact: joet@projectgrowgardens.org
Presented: 22Apr2013 – Ver08May2013

List of Submitted GRI Topics

Research Topic, Description	Gardeners	Plot #	Notes
Integrated Gardening will explore the integration of several ecology-based cultivation approaches: growing on composting pile, sheet-mulch layering, hugelkultur plots, water conservation, companion planting, mushroom cultivation, mini-habitats, and vertical gardening.	Joet Reoma (Lead)	4	
Vermi Gardening will explore the use of the identifiable components of vermiculture in gardening. Components include literature research on chemistry of worm cast, benefits of casting on plants, attracting earthworms to garden beds.	Jesse Raudenbush (lead)	5	
GROWLOTS is a cooperative group of friends that will share organic gardening knowledge, the work and the output of the garden — some will be donated. It is an experimental/developmental plan for this gardening season and in the future. GROWLOTS plans to focus on minimizing water use, dividing the plots into small sections for niche gardening with different planting and mulching methods.	Dan Noble (Lead)	32	
Comfrey Gardening will explore the uses of comfrey in food cultivation as compost source in mulch and compost tea form, its chemical composition as a compost and as tea, its medicinal properties, its best companion vegetable plants.	Marcella Trautman (lead) Joet Reoma	28 & 29	
	Noelle Bowman (lead) Dorian Diggs-Taylor	21	
Aquaponics Gardening is a bio-integrated system that combines recirculating aquaculture with hydroponic vegetable, flower, and/or herb production.	Joet Reoma (lead)	20	
Native Pollinators Conservation is all about the care, maintenance and protection of native bees for their long-term survival and conservation.	Meghan Milbrath (lead)	0	
Abundant Michigan Permaculture group -	(reserved)	2plots	
Chiwara Permaculture group -	(reserved)	2plots	