

# What are the research questions?

Research Question	Tour Site Location	Farmer Resources
What is the soil bio-diversity in differently managed areas of the landscape?	<ul style="list-style-type: none"> <li>Sunny Rothchild at 507-629-8276 Walnut Grove (Merry Weather Gardens) (K &amp;A)</li> <li>Paul Sobocinski Farm-Wabasso, MN (Transitioning to organic with good alternative livestock enterprise. (CF)</li> </ul>	<ul style="list-style-type: none"> <li>Sunny Rothchild at 507-629-8276 (K &amp; A)</li> </ul>
What is the benefit of residue cover on soil moisture and temperature as it relates to plant growth?	<ul style="list-style-type: none"> <li>Carmen Fernholz-Ongoing research-longtime organics. (CF)</li> <li>Eartrise Farm at 320-752-4700 (K&amp;A)</li> <li>Rolf Mahlberg</li> <li>Gerard Rademacher-Rosen, MN</li> </ul>	
What are the yield increase rates for MN? Why? Is it weather/ genetics/ trans-genes?	<ul style="list-style-type: none"> <li>Bruce Tiffany-Conventional Farmer (SS)</li> <li>Matt Plaetz-Wabasso</li> </ul>	<ul style="list-style-type: none"> <li>Matt Plaetz at 507-829-053</li> </ul>
What are the advantages of host plants for resistance to insects and disease? What are the advantages compared to chemical control?	<ul style="list-style-type: none"> <li>Growing Green-other Area CSA's (Gamm)</li> <li>Growing Green Putting Green (Laurel Gamm at 612-597-4279</li> <li>Jason Pennar- St. James (Hoop Houses for Hogs)(K&amp;A)</li> <li>Al and Lisa Smith-Pipestone (hogs and garden producer) (507) 825-3845. "Prairies Past" (K&amp;A)</li> </ul>	<ul style="list-style-type: none"> <li>Al &amp; Lisa Smith at 507-825-3845 (K&amp;A)</li> <li>Jason Pennar (K&amp;A)</li> <li>Winter greenhouse(Chuck Weibel &amp; Carol Ford) Milan, MN</li> </ul>
What is the consumption of edible navy, pinto, turtle ... beans locally as a protein source in the diet.	<ul style="list-style-type: none"> <li>Jerry &amp; Terry Perkins-Hispanic group (Worthington)(Benson)</li> <li>Sunny Ruthchild- Tracy, MN (Benson)</li> </ul>	<ul style="list-style-type: none"> <li>Jerry &amp; Terry Perkins - Hispanic Truck gardening(Benson)</li> <li>Sunny Ruthchild-Tracy, MN</li> </ul>
What are the chances farmers can grow various beans (germinate)? Will edible beans grow in different soil types? What is the N rate needed and how can that be supplied?	<ul style="list-style-type: none"> <li>Jerry Perkins</li> <li>Easy Bean Farm- Milan, MN-CSA for 10+ years (CF)</li> <li>Jerry &amp; Terry Perkins-Worthington(DB)</li> <li>Growing Green</li> <li>EZ Bean Farm-Successful , large scale CSA-young</li> </ul>	<ul style="list-style-type: none"> <li>E Z Bean ?-name</li> <li>Jerry &amp; Terry Perkins (Benson)</li> <li>Garden Goddess-Carole Ford-Milan (Lots of experience in winter tunnel&amp; published books.- Carmen.</li> </ul>
What influence does soil type have on prairie seed germination and growth?	<ul style="list-style-type: none"> <li>Coyote Grange Farm- Appleton, MN (Brad &amp; Kristi Fernholz)</li> <li>Growing Green-ELC Diverse Urban</li> <li>Growing green (Putting Green) Laurel Gamm (612-597-4279)</li> <li>Willow Lake Farm-Tony Thompson-</li> <li>Meadowlark Farm- Sally Amu &amp; David Benson (DB)</li> </ul>	<ul style="list-style-type: none"> <li>Tony Thompson- Good conventional with environ. Consciousness. Prairie seed production</li> </ul>
What influence would alfalfa mulch have on controlling weeds in corn?	<ul style="list-style-type: none"> <li>Organic Farm by Lamberton. (SS)</li> </ul>	<ul style="list-style-type: none"> <li>Brian Martens-conventional farmer.(ZH)</li> <li>Bruce Tiffany-He is open &amp; available to help educators in the field of Ag</li> </ul>

What, if any, are the differences in soil fertility in plots where a green manure was planted verses where it was not planted?		
When is the best time in the fall to plant seeds for an early spring spinach crop?		
What are the economic benefits of establishing local food systems such as Community Supported Agriculture programs, community gardens, and Farmer's Markets?		
How can human eating trends be changed by creating local food systems?		
How can fresh food availability and production be impacted by the use of season extending structures?		
What are several issues confronting ag systems?		