

**Michigan Soybean Committee
Production Subcommittee Meeting
1/19/2024
Michigan State University Agronomy Farm
4430 Beaumont Road, Lansing, MI**

Time	Researcher	#	Proposal Title
9:00 - 9:20	Quintanilla	2416	Using Entomopathogenic Nematodes as Biological Agent for Management of Soybean Cyst Nematodes
9:20 - 9:40	Bauer	2429	Improving White Mold Management with Variable Rate Planting and Population Management in Soybeans
		2430	Improving Ultra-Early Soybean Planting with Tillage and Population Management
		2431	Soybean Planter Comparison
9:40 - 10:00	Chilvers	2419	Red Crown Rot: A New Threat to Soybean Production
		2420	Forecasting Risks and Evaluating Varieties and Seed Treatments for Effective SDS and SCN Management
		2421	Combating White Mold Through Varieties, Fungicides, Herbicides, and Biologicals
10:00 - 10:20	Steinke	2422	Targeting Nutrient Management Strategies to Enhance Soybean Production
10:20 - 10:40	Staton	2424	2024 MSU Extension On-Farm Research and Education Projects
10:40 - 11:00	Dong	2417	Increase the Resiliency of Soybean Production to Climate Change Through Precision Irrigation Management
11:00 - 11:20	Rojas-Flechas	2413	Evaluating the Effect of Foliar Fungicides on Grain Quality in Soybean and Management Options
11:20 - 11:40	Patterson	2412	Molecular Tools to Support the Sustainable Use of Group 14, PPO Inhibiting, Herbicides in Michigan Soybeans
11:40 - noon	Fleming	2403	Evaluating the Effects of Harvest and Storage Conditions on Soybean Seed Quality
		2402	Presowing Treatments to Improve Germination of Early-Planted Soybean
noon - 12:10	public comment		
12:10 – 12:40	lunch		
12:40 - 1:00	Wang	2414	Enhance Research in Soybean Field Evaluations in Michigan
		2415	Soybean Breeding and Genetic Improvement for Michigan Environments
1:00 - 1:20	Mirali	2428	Wholistic and granular approach toward optimizing management practices of Michigan Soy Farmers based on satellite observations and machine learning
1:20 - 1:40	Lebeis	2418	The Impact of Drought Stress on the Physiological and Microbial Dynamics in Soybean Root
1:40 - 2:00	Duckert	2425	Use of repellents to minimize deer feeding
2:00 - 2:20	Sackett	2426	Comparison of Five Tillage on Growth Factors, Yield and Economics of Soybeans in Michigan in 2024
2:20 - 2:40	VanWagner	2427	Center for Excellence Reloaded again
2:40 - 3:00	Tiemann	2423	Harnessing Rhizosphere Microbiomes to Improve Nitrogen Use Efficiency in Soybean Production Systems
3:00 - 3:20	Burrack	2406	Assessing Pest and Beneficial Soybean Insect Populations Across Combined Sustainable Farming Practices
3:20 - 3:40	Song	2407	Develop Short-Season Soybean Using Gene Editing Technologies
3:40 - 4:00	Singh	2404	Strategies to Improve Soybean Yield and Profits Based on Planting Time
		2405	Evaluating Short- and Long-Term Implications of Biological Seed Treatments in Michigan Cropping Systems
		2410	Strategies to Improve Soybean Yield and Quality by Optimizing Harvest Decisions-Year 2
4:00 - 4:20	Sprague	2408	Providing Solutions for Weed Management Challenges in Soybean
		2409	Investigating the Use of Drones for Weed Management
		2411	Continued Support for Weed Control Solutions in non-GMO Soybean