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## 2021 CTRI MEMBER FUNDED RESEARCH

		Principle Investigator	Affiliation	Notes
<b>Agronomic/Water/Nutrient Management</b>				
2020 Start	How do different soil types impact physiology, yield, and quality under late-season deficit irrigation?	Mallika Nocco	UC Davis	These projects combined in coordination with Board priorities and field site efficiencies.
2021 New	Satellite-based Precision Irrigation and Nitrogen Management for Processing Tomatoes	Isaya Kisekka	UC Davis	
2021 New	Processing tomato quality assessment under three different compost application regimes	Radomir Schmidt	UC Davis	
2021 New	Expanding the use of a tomato phyllosphere probiotic from the greenhouse to the field	Britt Koskella	UC Berkeley	
<b>Germplasm and Variety Development</b>				
1991 Start	C. M. Rick Tomato Genetics Resource Center	Roger Chetelat	UC Davis	
2020 Start	Completion of Insect Resistance Source Line for Transfer Resistance to Insects and Insect Transmitted Virus Processing Tomato	Martha Mutschler	Cornell	
2021 New	New transgenic resources for managing tomato spotted wilt virus resistance-breaking (RB) strains	Anna Whitfield	NCSU	
<b>Insect and Invertebrate Management</b>				
2019 Start	Conspere stink bug IPM Update	Tom Turini	UC Extension	
2011 Start	Evaluation of Alternative Nematicides for the Control of Root-Knot Nematodes of Processing Tomatoes	Jaspreet Sidhu	UC Extension	
2021 New	Diagnosing and co-managing the resistance breaking root knot nematode-Fusarium disease complex	Amanda Hodson	UC Davis	
<b>Pathogen Management</b>				
2017 Start	Disease diagnosis, pathogen movement / emergence monitoring, new pathogen ID and F4 monitoring for the CA processing tomato industry	Cassandra Swett	UC Davis	
2021 New	Developing adaptive integrated MGMT strategies for southern blight in tomato: transferring tools from other CA annual cropping systems	Megan McCaghey	UC Davis	
2018 Start	Control strategies for F. falciforme, a newly recognized and widespread cause of premature vine decline	Cassandra Swett	UC Davis	Collaborative efforts between multiple County Based Farm Advisors and Extension Specialist.
2020 Start	Control strategies for F. falciforme, a newly recognized and widespread cause of premature vine decline	Brenna Aegerter	UC Extension	
2021 New	Developing best management sanitation practices for harvesters, to mitigate soil-borne pathogen spread	Cassandra Swett	UC Davis	
2021 New	Monitoring beet leafhopper population in different sub-regions of processing tomato production in Stanislaus County	Zheng Wang	UC Extension	
2020 Start	Beet leafhopper efficacy comparison	Tom Turini	UC Extension	
2021 New	TSWV Varietal Response and Insecticide Efficacy	Tom Turini	UC Extension	
2017 Start	Surveillance, rapid detection and MGMT of RB-TSWV and other viruses affecting processing tomatoes in CA	Robert Gilbertson	UC Davis	
<b>Weed Control and Management</b>				
2019 Start	Cost-benefit analysis of automated planters and cultivators in processing tomatoes	Amber Vinchesi-Vahl	UC Extension	
2019 Start	Branched broomrape: doubling down on research for a critical CA pest	Brad Hanson	UC Davis	We gain a field season by working in Chile.