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fruits shelf-life	Board			
Development of sustainable irrigation and nutrient management for citrus groves in South Texas	Valley Agricultural and Development Council	PI	$53,000	2023-202
NRT-HDR Transdisciplinary Research and Education for Air and Water Resources Solutions in Coastal Communities	NSF	Co-PI	$2,000,000	2023-2028
Evaluation of onion (*Allium cepa*) and sour orange rootstocks performance and physiology under different soil amendments	Greater Texas Foundation Undergraduate Research	PI	$2,830	2024
Sustainable organic citrus production using improved agroecological management strategies	NIFA-ICGP	Co-PI	$2,000,000	2024-2028
Evaluation of micronutrients application on grapefruit fruit growth rate and postharvest physiology.	Texas Citrus Producers Board	PI	$30,000	2024-2025
Total funding participated			**$4.4 million**	
Total funding to my program			**$621,695**	

[a] since joining TAMUK-
January 2022. Major funding sources include TWDB, TCPB, VADC, NSF,

rootstocks. International Organization of Citrus Virologists XXIII. Victoria, Australia. March 2025.

32. Nelson, S.D., Zaragoza, A., De Leon, D.A., Zamora, E., **Reyes-Cabrera**, **J.,** Sétamou, M. Soil amendment strategies to rehabilitate freeze damaged citrus trees for sustainable crop management.

U.S. Midwest. Undergraduate Research & Creative Achievements Forum. University of Missouri. Columbia, Missouri, 2019.

19. Edwards, J., **J. Reyes-Cabrera**, E. Singer, J. Bonnette, T. Woyke, F. Fritschi, and T.E. Juenger. The genetic architecture of root-associated microbiome composition in switchgrass. 2019 DOE Joint Genome Institute user meeting.

18. Brandani, C.B., M.M. Kohmann, M. Silveira, J. Erickson, **J. Reyes-Cabrera**, and L.E. Sollenberger. Short-term effects of converting perennial pastures to bioenergy cropping on soil C and N dynamics in a Florida Ultisol. Soil Science Society of America. San Diego, CA. January, 2019. Submitted.

17. Matamala, R., K. Behrman, T. Juenger, J. Jastrow, F. Fritschi, L. Zhang, P. Fay, T. Vugteveen, **J. Reyes-Cabrera**, J. Bonnette. Phenology and morphological and physiological trait adaptations of switchgrass cultivars across a latitudinal gradient in the U.S. 2018 AGU Fall Meeting, Washington, D.C., 10-14 Dec.

16. **Reyes-Cabrera, J.**, T.E. Juenger, J. Bonnette, D. Lowry, and F. Fritschi. 2018. Ecotype divergence of switchgrass root characteristics in the U.S. Midwest. American Society of Agronomy. Crop Physiology and Metabolism Session. Baltimore, MD. November 2018.

15. Gagliano, C., **J. Reyes-Cabrera**, and F. Fritschi. Colonization of arbuscular mycorrhizal fungi in upland and lowland switchgrass varieties across two geographical locations. Undergraduate Research & Creative Achievements Forum. University of Missouri. Columbia, Missouri, 2018.

14. Polovich, C., **J. Reyes-Cabrera**, and F. Fritschi. 2018. Behind the scenes of creating a high-throughput phenotyping tool. Undergraduate Research & Creative Achievements Forum. University of Missouri. Columbia, Missouri, 2018.

13. **Reyes-Cabrera, J.**, J.E. Erickson, M. Silveira, and R.L. Leon. Converting bahiagrass pasture land to elephantgrass biomass cropping systems alters nutrients dynamics. American Society of Agronomy. Crop Ecology, Management and Quality Session. Tampa, FL. October, 2017.

12. Na, C., **J. Reyes-Cabrera**, J.E. Erickson, M.P. Singh, and M. Silveira. Soil CO

8. **Reyes-Cabrera, J.**, R.G. Leon, J.E. Erickson, D.L. Rowland, M.L. Silveira, and K.T. Morgan. Biochar effects on soybean root growth and plant water status. American Society of Agronomy: Agronomic, Environmental, and Industrial Uses of Biochar Session. Minneapolis, MN. November, 2015.

7. Makani, M. N., S. A. Sargent, L. Zotarelli, and **J. Reyes-Cabrera**. Yield and postharvest quality of tablestock potato (*Solanum tuberosum L.)* in response to irrigation method and harvest time. 2014 ASHS Annual Conference.

6. Makani, M. N., S.A. Sargent, L. Zotarelli, and **J. Reyes-Cabrera**. 2013. Postharvest quality of tablestock potatoes in response to drip irrigation and harvest time. Proc. Proc. Fla. State Hort. Soc. 126: 184 186.

5. Rens, L. R., L. Zotarelli, M. Paranhos, **J Reyes-Cabrera**, G. B. Buck, and C. Barrett. 2012. Soil moisture mapping of potato farms utilizing four irrigation practices: seepage, subsurface drip, tile irrigation, and surface drip. ASHS Annual Conference.

4. **Reyes-Cabrera J.**, L. Zotarelli, M. D. Dukes, S. Sargent, D. L. Rowland, and M. Makani. 2012. Use of drip irrigation for tablestock and chipping potato production in Florida sandy soils. ASHS Annual Conference.

3. **Reyes-Cabrera J.**, L. Zotarelli, M. Dukes, D. Rowland, and S. Sargent. 2012. Drip irrigation as an alternative strategy to increase water savings for potato production in northeast Florida. Third UF Water Institute Symposium. Gainesville, FL.

2. Makani, M. N., S. A. Sargent, **J Reyes-Cabrera**, L. Zotarelli. 2012. The effect of irrigation method, harvest time, and storage on mechanical injury and tuber quality of tablestock potato (*Solanum tuberosum* L.). ASHS Annual Conference.

1. Perret J.S., **J. Reyes-Cabrera**, V.R. Bazán, B.K. Singh, K.T. Morgan, and R.A. Gilbert. 2010.

Crop Science Society of America (CSSA)	2013-present
New Mexico Academy of Science	2019-2021
American Geophysical Union	2019-2021

Reviewer for Journals

Crop Science (2016 - present)
Agronomy Journal (2016 - present)
Frontiers of Plant Science (2019 - present)
Agricultural Water Management (2018 - present)
Journal of Plant Nutrition and Soil Science (2018 - present)