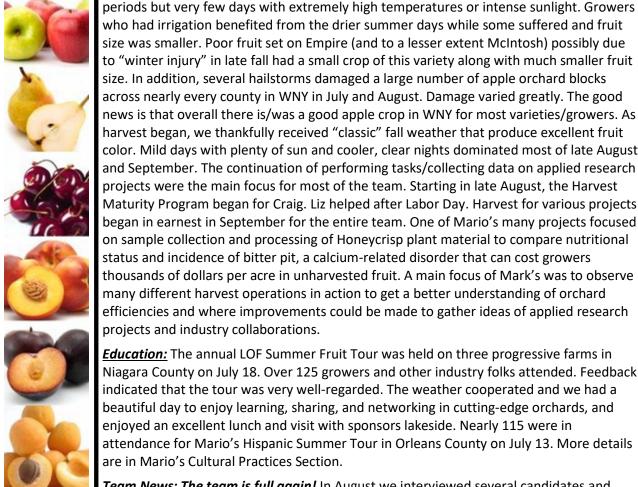
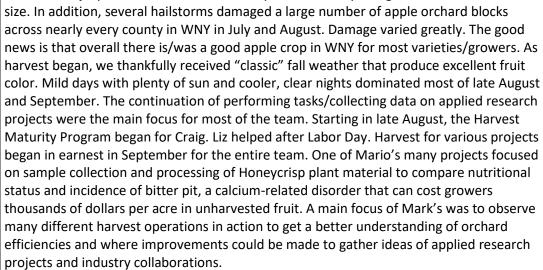


Cornell Cooperative Extension Lake Ontario Fruit Program **Quarterly Report** July - September 2019





Overview: The very wet spring that brought too many rainy days and flooded orchards from April through June dried out when summer approached. There were droughty

**Education:** The annual LOF Summer Fruit Tour was held on three progressive farms in Niagara County on July 18. Over 125 growers and other industry folks attended. Feedback indicated that the tour was very well-regarded. The weather cooperated and we had a beautiful day to enjoy learning, sharing, and networking in cutting-edge orchards, and enjoyed an excellent lunch and visit with sponsors lakeside. Nearly 115 were in attendance for Mario's Hispanic Summer Tour in Orleans County on July 13. More details are in Mario's Cultural Practices Section.

Team News: The team is full again! In August we interviewed several candidates and offered the IPM Specialist position to Janet Van Zoeren. Janet starts October 16 and we are excited to have her join us! She comes to us with an excellent combination of education and experience. More info on Janet can be found here. Janet will be housed in the Orleans CCE office. Her cell is 585-797-8368 and her email is jev67@cornell.edu.









#### By The Numbers:

Educational Meetings/Training Programs:	Attendance	Notes:
LOF Summer Tour	130	See info, All Specialists
NextGen Young Grower Study Tour	33	See info, Mark Wiltberger
2018 CCE LOF Hispanic Summer Tour	114	See info, Mario Miranda Sazo Highlight



Jill McKenzie of 2 of Clubs Orchards explains alternate row spraying by showing spray coverage on water-sensitive cards at the LOF Summer Fruit Tour on July 18 in Appleton, NY.





#### Education:



Publications:	Editions:	Articles:
Fruit Notes	4	17
Fruit Fax	7	9+



### Selected Presentations:

Presentations by LOF Team	Periodical/Meeting:	Author/Presenter:
Stop Host at David Tower Farms	LOF Summer Tour July 18	Kahlke
Pollen Tube Growth Model	LOF Summer Tour July 18	Kahlke, Robinson, Tower
Multi-Leader Plantings	LOF Summer Tour July 18	Miranda Sazo, Tower
Stop Host at 2 of Clubs Orchards	LOF Summer Tour July 18	Miranda Sazo
Precision Crop Load Management & Use of Carbohydrate & Fruit Growth Models	LOF Summer Tour July 18	Miranda Sazo, Kahlke, Robinson
Stop Host at Russell Farms	LOF Summer Tour July 18	Wiltberger
Family Business/Multi- Generation	LOF Summer Tour July 18	Wiltberger, Russell
Planned, Organized, Introduced Topics/Speakers, and Translated into Spanish	Hispanic Summer Tour July 13	Miranda Sazo
Types of Crop Insurance Available for Apple Growers	Online Webinar August 22	Wiltberger
Record-keeping & Preparing Your Farm for Apple Crop Insurance	Online Webinar September 5	Wiltberger

### Selected Publications:

Title	Publication	Author
"Availability of Reflective Ground Covers for 2019 Harvest"	Fruit Notes	Wiltberger
"Now is the Time to Plan Your Next Orchard"	Fruit Notes	Miranda Sazo & Robinson
<i>"Lake Ontario's Next Generation of Hispanic Employees, Future Leaders, and Innovators"</i>	Fruit Notes	Miranda Sazo & Waters
<i>"A Comprehensive Acreage &amp; Variety Survey for Commercial Apple Growers in NY"</i>	Fruit Notes	Kahlke
"Harvest Maturity Predictions in WNY for 2019"	Fruit Notes	Kahlke & Donahue







Selected Research Activities This Quarter (Detailed in Specialists Reporting Sections):
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Activity/Proposal/Grant	LOF Person(s)	Funded (Y/N) or Unfunded/ Preliminary Research (UPR)
Precision Crop Load Management	Miranda Sazo	Y – ARDP, Robinson
Brown Marmorated Stink Bug in US Specialty Crops	Тее	Yes-SCRI Agnello et al.
Precision Orchard Management	Wiltberger	Y – ARDP, Robinson
ReTain™ & Harvista ™ Rate & Timing Trials in Gala & Honeycrisp	Kahlke	Y- Valent BioSciences, Kahlke
<i>Orchard Netting Project</i> in a Wayne County orchard	Miranda Sazo, Fines	Y – ARDP Miranda Sazo
Prediction and prevention of ambrosia beetle infestations in NY apple orchards	Тее	Y- Cornell Federal Capacity Fund Agnello et al.
Effect of Ground Cover on Coloring of Apples	Wiltberger	Ν
A Comprehensive Acreage & Variety Survey for NY	Kahlke, Tee, Wiltberger	Y – ARDP, Kahlke







### Stakeholder Contacts/Business Consultation:

Specialist	Site Visit Phone/Texts/Em	
Kahlke	11	100+
Miranda Sazo	20	80
Wiltberger	10	25

## Selected Professional Development and Training:

Activity	Team Member(s)	Comments:
Business Management Specialist Retreat, Cornell Campus, July 31 & August 1	Wiltberger	
Cornell Storage Workshop, Campus, August 8th	Kahlke	





# **Quarterly Highlight for Cultural Practices – Mario Miranda Sazo**

# Extension Out Loud: Specialist Spotlight "Mario on his path to CCE and digitizing orchards"

At the annual Empire Farm Days event in Seneca Falls, NY, "Extension Out Loud" hosts sat down with Mario Miranda Sazo, a fruit extension specialist with Cornell Cooperative Extension's Lake Ontario Fruit Program. Mario shared how his career led him from Chile to NYS and how digital agriculture may shape the future of the apple industry.

Episode transcript (PDF): <u>https://cornell.box.com/s/umo9vfvbk3a32z9epr66p7f6voptlaqo</u> Podcast available online at: https://soundcloud.com/extension\_out\_loud/mario

