

Combating Rose Rosette Disease SCRI Project Review

Dates: Monday October 22nd to Wednesday October 24th, 2018

Location: Crossville, Tennessee

Proposed Agenda

Monday October 22, 2018		
8:30	Welcome to Crossville	Mark Windham Dr. David G. White Assoc. Dean and Assoc. Director UT AgResearch
8:40	Introductions/Objective of review	David Byrne
	DIAGNOSTICS: RESEARCH REPORTS (15 mins each, please allow time for questions)	Moderator: Francisco Ochoa-Corona
9:00	Oklahoma State University	Francisco Ochoa-Corona
9:15	University of Florida	Mathews Paret
9:30	USDA, ARS, U.S. National Arboretum	Ramon Jordan, John Hammond
9:45	Diagnostics: Application/Validation	Jen Olson, Kevin Ong
10:00	DISCUSSION (15 minutes) Assessment of developed assays and recommendations	
10:15-10:30	Break (15 minutes)	
	INVITED TALKS: NEW TECHNOLOGIES (15 mins each, please allow time for questions)	
10:30	RRV Infectious clone – Progress and potential uses	David Pang, Jeanmarie Verchot
10:45	Multispectral sensors to detect plant stress	Melanie Kalischuk
11:00	Adgia's commercial RPA for RRV.	Bryant Davenport
11:15	Electronic Diagnostic Nucleic-acid Analysis-Roses (EDNA-ROSES)	Andres Espindola, Liz Pena Zuniga, & F Ochoa Corona
11:30-noon	DISCUSSION (30 minutes) Future needs for diagnostics?	
12 noon	Lunch on site	
	Outreach and Education	Moderators: Jen Olson and Kevin Ong
1:00	Update on social media	Alan Windham

1:15	RoseRosette.org web site	Maddi Shires , Kevin Ong, Joseph LaForest
1:45	Development of RRD educational materials and outreach <i>Need to have any printed materials available to participants</i>	Jen Olson , Kevin Ong, Brent Pemberton, Gary Knox, Frank Hale, Alan Windham
2:00 2:20	Marketing and Economics Consumer studies with rose Economic impact of RRD	Moderator: David Byrne Marco Palma , Daniel Chavez, Charles Hall, Luis Ribera <i>(Remote presentation)</i>
2:40	Future needs – communications, economics, marketing?	All
3:00	Break	
3:30	Industry Panel – Impact of RRD	Christian Bedard Dan Waterhouse Michael Shoup Michele Scheiber Matt Woolf Bruce Gibson Tyler Francis Tim Wood
4:30	Visit to RRD research fields	Mark Windham
6:00	Dinner served	

	Tuesday October 23, 2018	
8:30	Welcome and overview of schedule Mite Biology	David Byrne Moderator: Mark Windham
8:35	Eriophyid and predator mites on roses	Gary Bauchan , Ron Ochoa
8:50	Eriophyid mites on roses	Jim Amrine
9:05	Eriophyid mites on roses - California	Baldo Villegas
9:20	<i>Phyllocoptes</i> from rose: how many species	Tobiasz Druciarek
9:35	Mite behavior and distribution on plant	Gary Bauchan , Ron Ochoa
9:50	Mite sampling methods	Mark Windham
10:00 am	Break	
10:30	Where is RRD? - Monitoring APP	Maddi Shires , Kevin Ong, Joseph LaForest

	Southern Border for RRD or mite? Short Term Approaches Cultural control Chemical control Antiviral testing Future needs?	Katherine Solo, Mark Windham, Sarah Collins, Brent England
12 noon	Lunch on site	
	Long term control strategy: Resistant Roses	Moderator: David Byrne
1:00	Delaware RRD resistance evaluations	Tom Evans
1:10	Tennessee RRD resistance evaluations	Mark Windham, Sara Collins, Katherine Solo, Brent England, Walt Hitch
1:20	Oklahoma RRD resistance evaluations	Jen Olson
1:30	Texas RRD resistance evaluations	Maddi Shires, Kevin Ong
1:40	Rapid Phenotyping: Mechanical Inoculation	David Pang, Jeanmarie Verchot
1:45	Micro grafting	Francisco Ochoa
1:50	Raman spectroscopy for virus detection/identification	Dzmitry Kurouski
2:05	Foliage disease resistance In Texas: Trials in College Station and Overton	Brent Pemberton, Stella Kang Ellen Young, Jeekin Lau, Seza Noyan, Natalie Anderson, David Byrne
2:35	Sources of resistance-breeding strategy	David Byrne
3:00	Break	
3:30	Molecular maps and markers for roses	Patricia Klein, Jeekin Lau, Ellen Young, Stella Kang, David Byrne
3:45	Population development – data analysis	Ellen Young, Jeekin Lau, Stella Kang, Natalie Anderson, David Byrne
4:00	Future needs?	David Byrne
6:00	Dinner served	

	Wednesday, October 24, 2018	
8:30	APS Compendium of Rose Disease	John Hammond
	Overview and objectives	David Byrne
	Results of Pre-Meeting Survey	David Byrne

9:00	Breakout sessions Virus Biology Breeding and Genetics	Moderators: Francisco Ochoa-Corona , Ramon Jordan, John Hammond Moderators: David Byrne, Patricia Klein
10:00	Coffee break	
10:30	Breakout sessions Mite Biology Extension and Outreach	Moderators: Gary Bauchan, Mark Windham , Frank Hale, John Hammond, Ramon Jordan Jen Olson, Kevin Ong , Alan Windham, Frank Hale, Gary Knox, Brent Pemberton
12 noon	Lunch served	
1:00	Group reporting and discussion Virus Biology Mite Biology Breeding and Genetics Extension and Outreach	Francisco Ochoa-Corona Gary Bauchan David Byrne Jen Olson
3:00	Coffee Break	
3:30	Final conclusions	
4:30	Free time	
	Dinner on your own	