



Biological control as a Key tool for IPM in citrus

Training Course

Date: October 6, 13, 20 and 27th

Time: from 09:00 -12:15 am – Trinidad Time/ 10:00 am -13:15 pm Brasília Time

Day 1: October 6th - CABI Team –Invited Speaker Msc. Nelson Laville (MoA- Dominica)

Moderator: Mr. Naitram Ramnanam (CABI)

Time	Topic	Speaker
09:00 - 09:05 am	International Year of Plant Health	Video IYPH 2020
09:05 - 09:10 am	Welcoming words	Dr. Harriet Hinz – Regional Director- CABI Americas
09:10 - 09:50 am	Introduction to the training course & Review of Impact of Citrus Greening	Dr. Yelitza Colmenarez (CABI)
09:50 – 10:30 am	Implementation of Biological control in the Caribbean as a key tool for invasive specie management: Potential and challenges	Dr. Yelitza Colmenarez (CABI)
10:30-10:40 am	Break	
10:40 – 11:00	Micro-biological control and its use in the Caribbean	Dr. Eduardo Hidalgo (CABI)
11:00-11:30 am	Status of the management of Citrus Greening in the Caribbean – Dominica case study	Msc. Nelson Laville- Dominica Ministry of Agriculture
11:30 – 12:00 am	Biological control programs in the Caribbean and its importance in sustainable production	Dr. Yelitza Colmenarez (CABI)
12:00-12:15 am	Final Remarks	All

Day 2: October 13th - Dr. Aloisio Coelho/Prof. Dr. Parra- University of São Paulo-ESALQ

Moderator: Dr. Yelitza Colmenarez (CABI)

Time	Topic	Speaker
09:00 - 09:40 am	What is biological control? and types of biological control with macros.	Dr. Aloisio Coelho/Prof. Dr. Parra (USP-ESALQ)
09:40 -10:20 am	Importance of insect breeding for biological control programs	Dr. Aloisio Coelho/Prof. Dr. Parra (USP-ESALQ)
10:20 -10:30 am	Break	
10:30 -11:10 am	Biological Control success case in Brazil (macro)	Dr. Aloisio Coelho/Prof. Dr. Parra (USP-ESALQ)



11:10 - 11:30 am	The history of BC in Brazil, the importance of a scientific society, graduation courses and technology transference.	Dr. Aloisio Coelho/Prof. Dr. Parra (USP-ESALQ)
11:30-12:00 am	how to rear <i>Anagasta kuhniella</i> and <i>Trichogramma spp./</i> SPARCBio	Dr. Aloisio Coelho/Prof. Dr. Parra (USP-ESALQ)
12:00-12:15 am	Final Remarks	All

Dia 3: October 20th – Dr. Alexandre Diniz /Prof. Dr. Parra- University of São Paulo -ESALQ

Moderator: Dr. Eduardo Hidalgo (CABI)

Time	Topic	Speaker
09:00 - 09:40 am	<i>Tamariaxia radiata</i> Vs <i>Diaphorina citri</i>	Dr. Alexandre Diniz/Prof. Dr. Parra (USP-ESALQ)
09:40 -10:40 am	30 Decades of biological Control in citrus	Dr. Alexandre Diniz/Prof. Dr. Parra (USP-ESALQ)
10:40 -10:50 am	Break	
10:50 -11:30 am	<i>Tamariaxia radiata</i> rearing methods	Dr. Alexandre Diniz/Prof. Dr. Parra (USP-ESALQ)
11:30 -12:00 am	IPM concepts and bases	Dr. Alexandre Diniz/Prof. Dr. Parra (USP-ESALQ)
12:00-12:15 am	Final Remaks	All

Dia 4: October 27th - Dr. Marcelo Pedreira de Miranda/ Dr. Renato Beozzo Bassanezi FUNDECITRUS - Brazil

Moderator: Dr. Yelitza Colmenarez (CABI)

Time	Topic	Speaker
09:00 - 09:40 am	Fundecitrus and citrus sustentability	Dr. Marcelo Pedreira de Miranda/Dr. Renato Beozzo Bassanezi - FUNDECITRUS
9:40 -10:30 am	HLB management	Dr. Marcelo Pedreira de Miranda/Dr. Renato Beozzo Bassanezi - FUNDECITRUS
10:30-10:40 am	Break	Dr. Marcelo Pedreira de Miranda/Dr. Renato Beozzo Bassanezi - FUNDECITRUS
10:40 -11:10 am	Psyllid Alert System	Dr. Marcelo Pedreira de Miranda/Dr. Renato Beozzo Bassanezi - FUNDECITRUS
11:20 - 12:00 am	Psyllid management	Dr. Marcelo Pedreira de Miranda/Dr. Renato Beozzo Bassanezi - FUNDECITRUS
12:00-12:15 am	Closing Remarks	All