



RIGENESI

SCIENCE DIPLOMACY & COMMUNICATION FOR
OLIVE SECTOR REGENERATION



RESEARCH BOOTCAMP

TRAINING, EXCHANGE OF GOOD PRACTICES AND INNOVATION IN MANAGING
XYLELLA FASTIDIOSA BACTERIAL DISEASE ACROSS THE MEDITERRANEAN AREA

I° EDITION

**3rd – 21st NOVEMBER 2025, CIHEAM BARI
ROOM 1**

Morning: 9:00 AM – 1:00 PM; Afternoon: 2:00 PM – 5:00 PM



COUNTRIES

ALBANIA, BOSNIA AND HERZEGOVINA, KOSOVO, MONTENEGRO, SERBIA





1st SESSION

From November 3 to 8, the programme is intended for **officials**, preferably those working in plant health emergency management or related sectors.

	Day	Topic	Expert
	Monday 3/11 Morning	Welcome Address	Biagio Di Terlizzi - CIHEAM Bari Salvatore Infantino - Regional Phytosanitary Observatory
		Brief introduction and presentation of the “RIGENESI” project; objectives and structure of the Research Bootcamp	Laura Scivetti, Francesca Schiavone - CIHEAM Bari
		<i>Xylella fastidiosa</i> : state of the art (genetic variability, hosts, symptomatology, distribution, epidemiology, biology and ecology of insect vectors, diagnosis, control)	Donato Boscia, Franco Valentini - CIHEAM Bari
	Afternoon		
		Communication and awareness campaigns – Citizen science	Pierfederico La Notte – CNR (National Research Council)





Tuesday 4/11 Morning	European legislation: EU Regulation 1201 and subsequent amendments; EU Regulation 2016/2031 (Focus on the Contingency plan)	Bruno Caio Faraglia – MASAF (Ministry of Agriculture, Food Sovereignty and Forestry) Anna Percoco – Regional Phytosanitary Observatory
Afternoon	Free time	
Wednesday 5/11 Open Field visit	Overview of the current status in Apulia <ul style="list-style-type: none"> - Symptoms - Sample collection and geopositioning - Insect sample collection - Eradication/containment Location: Triggiano, Torre Guaceto (Serranova – Carovigno)	Cosimo Cavallo, Gianvito Ragone - Regional Phytosanitary Observatory Franco Valentini - CIHEAM Bari
Thursday 6/11 Morning	Regione Puglia Action Plan <ul style="list-style-type: none"> - EU guidelines for the control of <i>Xf</i> - Sampling (plants and insect vectors) - Eradication / containment / compensation - Regulation and official nursery inspections 	Anna Percoco, Francesco Palmisano, Vitantonio Fornarelli - Regional Phytosanitary Observatory
Afternoon	<ul style="list-style-type: none"> - Organization of the regional website "Emergenza Xylella" - Sampling (RiBESS risk-based estimate of system sensitivity tool) 	Claudio Zaza - Regional Phytosanitary Observatory





Friday 7/11 Open Field Visit	<ul style="list-style-type: none"> - Different susceptibility of genetic resources and resistant cultivars - Regulation of nursery management - Meeting with stakeholders <p>Location: Presicce, Gagliano del Capo</p>	<p>Vitantonio Fornarelli - Regional Phytosanitary Observatory Donato Boscia, Michele Digiario - CIHEAM Bari</p>
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2nd SESSION:

From November 10 to 21, the programme is intended for **experts** in the plant health sector

Day	Topic	Expert
Monday 10/11 Morning	Welcome Address	Biagio Di Terlizzi - CIHEAM Bari Salvatore Infantino - Regional Phytosanitary Observatory
	Brief introduction and presentation of the “RIGENESI” project; objectives and structure of the Research Bootcamp	Laura Scivetti, Francesca Schiavone - CIHEAM Bari
	<p><i>Xylella fastidiosa</i>: state of the art</p> <ul style="list-style-type: none"> - <i>Xylella fastidiosa</i> and its subspecies: genetic variability and taxonomy - Status of <i>Xf</i> in the world; main diseases and socio-economic impact with a focus on the Mediterranean basin - Host range and symptomatology - Epidemiology - Modes of transmission and vectors 	Donato Boscia, Franco Valentini - CIHEAM Bari
	Control measures	Anna Percoco - Regional





			Phytosanitary Observatory
Afternoon	<ul style="list-style-type: none">- Organization of the regional website "<i>Emergenza Xylella</i>"- Sampling (RiBESS risk-based estimate of system sensitivity tool)	Claudio Zaza - Regional Phytosanitary Observatory	
Tuesday 11/11 Morning	<i>Xylella fastidiosa</i> diagnosis <ul style="list-style-type: none">- ELISA, Immunoprinting- Real-Time PCR (subspecies identification)- LAMP-PCR Isolation	Michele Digiario, Toufic Elbeaino - CIHEAM Bari Maria Saponari – CNR (National Research Council)	
	Diagnosis: EPPO standards and the official protocols of the EU Regulation	Maria Saponari – CNR (National Research Council)	
Afternoon	Practical training in the accredited plant diagnostic laboratories of CIHEAM Bari: Real-time PCR and ELISA	Serena Minutillo, Michele Digiario - CIHEAM Bari	
Wednesday 12/11 All day	<ul style="list-style-type: none">- Isolation on plates- Pathogenicity tests / Real-time PCR (protocol for subspecies identification)	Franco Valentini - CIHEAM Bari Maria Saponari - CNR (National Research Council)	
Thursday 13/11 Morning	<ul style="list-style-type: none">- Practical training on laboratory diagnosis: Real-time PCR and ELISA	Serena Minutillo, Michele Digiario - CIHEAM Bari	





Friday 14/11	Overview of the current status in Apulia <ul style="list-style-type: none"> - Symptoms - Different susceptibility of genetic resources - Sample collection and geopositioning - Eradication/containment Location: Parabita, Ugento	Cosimo Cavallo, Angelo Delle Donne – Regional Phytosanitary Observatory - Donato Boscia, Franco Valentini - CIHEAM Bari
Monday 17/11	<ul style="list-style-type: none"> - Insect sample collection - Different susceptibility of genetic resources and resistant cultivars (experimental fields and commercial fields, new plantings, topgrafting of monumental olive trees) Location: Carovigno, Gagliano del Capo	Donato Boscia, Michele Digiaro - CIHEAM Bari Marco Cantatore, Angelo delle Donne - CNR (National Research Council)
Tuesday 18/11 Morning	Biology and ecology of insect vectors; sampling; vector identification; control	Vincenzo Cavalieri – CNR (National Research Council)
Afternoon	<ul style="list-style-type: none"> - Insect sample collection - Different susceptibility of genetic resources and resistant cultivars (experimental fields and commercial fields, new plantings) 	Serena Minutillo - CIHEAM Bari
Wednesday 19/11	<ul style="list-style-type: none"> - Nursery inspections and management - Hot water thermotherapy - Visit to areas of established and recent bacterial outbreaks Location: Otranto, Gemini	Vitantonio Fornarelli, Angelo Delle Donne - CNR (National Research Council) Donato Boscia, Michele Digiaro - CIHEAM Bari





	Thrusday 20/11 Morning	European legislation: EU Regulation 1201 and subsequent amendments; EU Regulation 2016/2031 (Focus on the Contingency plan and Action Plan)	Salvatore Infantino, Anna Percoco - Regional Phytosanitary Observatory
	Afternoon	Report drawing	
	Friday 21/11 Morning	Report drawing	
	Afternoon	Final discussion with the experts	

