



## 2<sup>ND</sup> ENCOUNTER PHYTOMA-Spain

on

### *A High Risk Pest in Need of Urgent Control, The Red Palm Weevil (*Rhynchophorus ferrugineus*)*

Valencia, 8th and 9th February 2011  
Main Hall, Rectorry Building, Polytechnic University of Valencia

*With the collaboration of the Polytechnic University of Valencia*

## PROGRAMME

### TUESDAY, 8<sup>th</sup> February

8,30-9,30h. Documentation handover at the Encounter Technical Secretary's office

*Encounter Moderator: Mr. Joan Benlloch, Phytoma-España*

**9,30-9,50h. INAUGURATION** chaired by Ms Maritina Hernández, Regional Minister of Agriculture, Fisheries and Food. Accompanied by Mr. Juan F. Juliá, Rector of Valencia Polytechnic University and Mr. Gonzalo Irazo Pous, Director of Phytoma-Spain Publishing.

### 9,50-10,45h. INAUGURAL SPEECHES

Red Palm Weevil: description, behaviour and damage.  
*Ms. Antonia Soto. Mediterranean Agroforestry Institute. Polytechnic University of Valencia.*

Red Palm Weevil: biological cycle and economic importance.  
*Mr. Josep A. Jacas. Universitat Jaume I. Associated Agricultural Entomology Unit UJI-IVIA. Castelló de la Plana.*

### **ROUND TABLE “Biology and Importance of *Rhynchophorus ferrugineus*”**

**Moderator:** *Ms. Rosa Pilar Martín Suárez.*

**Members:** *Ms. Antonia Soto and Mr. Josep A. Jacas.*

## ■ DETECTION AND MONITORING.

### RESEARCH AND APPLICATION IN CONTROL STRATEGIES AND TECHNIQUES FOR RHYNCHOPHORUS FERRUGINEUS

Brief introduction to current strategies and techniques for control of *Rhynchophorus ferrugineus*.

*Ms. Antonia Soto. Mediterranean Agroforestry Institute. Polytechnic University of Valencia.*

10,45-11,00h. Acoustic detection of Red Palm Weevil by wireless sensor networks.

*Mr. Antonio Martí Campoy. Department of Information Technology and Systems. ITACA Institute. Polytechnic University of Valencia, UPV.*

#### 11,00-11,30h. Coffee

11,30-11,50h. Influence of chromatic attraction in the prospection and massive capture of *Rhynchophorus ferrugineus*.

*Mr. Juan Antonio Ávalos. Mediterranean Agroforestry Institute. Polytechnic University of Valencia.*

11,50-12,10h. Application of semiochemicals in management of *Rhynchophorus ferrugineus*. Design and development of a new adult capture trap.

*Ms. Cristina Alfaro Cañamás. Centro de Ecología Química Agrícola, CEQA-IAM. Polytechnic University of Valencia.*

12,10-12,30h. \*Innovative biorational solutions to combat Red Palm Weevil, *Rhynchophorus ferrugineus*.

*Dr. Nayem Hassan. Head of Research & Development. Russell IPM Ltd. UK.*

12,30-12,50h. Chemical control of *R. ferrugineus*. Efficiency trials on Canary palm.

*Ms. Elena Llácer. Valencian Agricultural Research institute, IVIA. Associated Agricultural Entomology Unit UJI-IVIA. Moncada. Valencia.*

12,50-13,10h. \*RYNCHOTRAK - new system from CHEMINOVA AGRO consisting of a trap with pheromone diffuser for monitoring Red Palm Weevil populations.

*Mr. Pedro J. Espinosa. CHEMINOVA AGRO Marketing Department.*

13,10-13,30h. \*Vegetal endotherapy: six years of struggle against Red Palm Weevil.

*Mr. Joan Manel Barroso Martínez. Crop Science Engineer. \*Vegetal Endotherapy.*

13,30-13,50h. Persistence study on the insecticide effect of thiamethoxam in preventive endotherapeutic treatments against Red Weevil in adult palms.  
*Ms. Susi Gómez. Head of Integrated Control Laboratory. Phoenix Station. Elche. Alicante.*

13,50-14,10h. \*TECNOVERD SL: Effective Integrated Control for Red Weevil by Endotherapy, ARBOPROF® system.  
*Mr. Antonio García Sánchez. Director, TECNOVERD SL.*

## **AFTERNOON**

**16,00-16,30h. 1<sup>st</sup> ROUND TABLE on “Detection and Monitoring. Research and application in control strategies and techniques for *Rhynchophorus ferrugineus*.”**

**Moderator:** *Ms. Antonia Soto.*

**Members:** *Mr. Antonio Martí Campoy, Mr. Juan Antonio Ávalos, Ms. Cristina Alfaro Cañamás, Ms. Elena Llácer and Ms. Susi Gómez.*

16,30-16,50h. Potential of entomopathogenic fungi as biological control agents against Red Palm Weevil.  
*Mr. Cándido Santiago-Álvarez. Department of Agricultural and Forestry Sciences and Resources. ETSIAM. University of Cordoba.*

16,50-17,10h. \*BOTANIGARD SC (*Beauveria bassiana* strain GHA): commercial bioinsecticide. Red Palm Weevil control applications.  
*Mr. Thomas Martínez Saldumbide. Biopesticide Product Manager. Futureco Bioscience SL.*

17,10-17,30h. Development of a biological control tool for sustainable management of red weevil.  
*Ms. Berenice Güerri Agulló. Researcher at University of Alicante, IMEM Ramón Margalef.*

17,30-17,50h. Effectiveness of the entomopathogenic nematodes for control of *R. ferrugineus*.  
*Mr. Oscar Dembilio. Valencian Agricultural Research institute, IVIA. Associated Agricultural Entomology Unit UJI-IVIA. Moncada. Valencia.*

17,50-18,10h. \*Efficacy of entomopathic nematodes in a chitosan solution for Red Palm Weevil control. Scientific trials and practical cases.  
*Mr. Alejandro Martínez Peña. Director of IDEBIO SL.*

18,10-18,30h. Break

18,30-18,50h. Control of red weevil, combined strategy of entomopathogenic nematodes and phytosanitary products.  
Mr. Gervasio V. Tapia Pérez. Pest Control Unit. IFAPA Centre La Mojonera. Almería.

18,50-19,10h. \*Confidor-Ynject. New low-pressure trunk injection device.  
Mr. Jesús Cadahía Fernández. Agricultural Engineer. Green Business Manager Iberia. Bayer Environmental Science.

19,10-19,30h. \*PALMANEM: The biological solution for Red Palm Weevil control.  
Mr. José Miguel Fernández Tapia. Microbiological Product Manager of Koppert España.

19,30-20,00h. Results of experiments in tree surgery for red weevil control in infested Phoenix canariensis. Situation, expansion and control of Rhynchophorus ferrugineus in Italy.  
Ms. Gabriella Lo Verde. Dip. SENFIMIZO. Sez. Entomology, Acarology and Zoology. Palermo. Sicily.

## TUESDAY, 9<sup>th</sup> February

9,30-9,50h. Enhanced integrated strategy to eradicate red palm weevil.  
Mr. Michel Ferry. Scientific Director of Phoenix Station. Elche. Alicante. Researcher with INRA, French National Agricultural Research Institute.

9,50-10,10h. \*RYNCHONEX® SYSTEM - the biological solution for detection, monitoring and massive capture of Red Palm Weevil (Rhynchophorus ferrugineus).  
Mr. Francisco Martínez Campillo. Director General of SANIDAD AGRÍCOLA ECONEX, S.L.

10,10-10,30h. \*FERTINYECT: Global Palm Protection and Recovery Solutions for Rhynchophorus ferrugineus.  
Mr. Juan Jesús Barbado Montero. Agricultural Engineer. Fertinyect SL

### **10,30-11,30h. 2<sup>nd</sup> ROUND TABLE “Research and application in control strategies and techniques for Rhynchophorus ferrugineus.”**

**Moderator:** Mr. Josep A. Jacas

**Members:** Mr. Cándido Santiago-Álvarez, Ms. Berenice Güerri Agulló, Mr. Oscar Dembilio, Mr. Gervasio V. Tapia Pérez, Ms. Gabriella Lo Verde and Mr. Michel Ferry.

Brief analysis and conclusion on the current situation of research into control strategies and techniques for *Rhynchophorus ferrugineus*. FUTURE PROSPECTS.  
Mr. Josep A. Jacas.

11,30-12,00h. Coffee

## ■ LEGAL HEALTH FRAME IN PARKS AND GARDENS: PEST SITUATION AT EUROPEAN LEVEL AND PLANS OF ACTION IN SPAIN

12,00-12,20h. Evolution of red palm weevil in the European Union and regulatory standards.

*Mr. José María Cobos Suárez. Senior General Vice-Director. General Subdirectorate of Primary Production Health. Ministry of the Environment and Rural and Marine Affairs. Madrid.*

12,20-12,40h. Outlook with the coming into force of the new directive on sustainable use of pesticides in Parks and Gardens. Quarantine Pests: prevention measures concerning plant trading globalisation.

*Mr. Jordi Giné. Head of Catalan Vegetal Health Service. Department of Agriculture, Food and Rural Actions. Barcelona.*

12,40-12,55h. Palm producers against Red Palm Weevil.

*Mr. Miguel Agulló. Vice-President of VAME, Greenhouse Plant Producing Companies Association, Alicante Province.*

12,55-13,10h. The need to train Health Technicians and Professionals for maintenance of Green Spaces.

*Ms. Trini Plaza. Head of Phytosanitary Campaigns and Information of the Vegetal Health Service of Catalonia.*

## 13,10-13,30h. ROUND TABLE on “The Legal Framework”

**Moderator:** *Mr. Fernando García-Marí. Mediterranean Agroforestry Institute. Polytechnic University of Valencia.*

**Members:** *Mr. José María Cobos Suárez, Mr. Jordi Giné. Miguel Agulló and Ms. Trini Plaza.*

## ■ ACTION PLANS

13,30-13,50h. Action Plan for Prevention and Control of *Rhynchophorus ferrugineus* in the Valencian Region.

*Ms. María del Pino Baraja Bou. Head of Phytosanitary Inspection Service. Department of Agriculture, Fisheries and Food.*

13,50-14,10h. Action Plan for Red Weevil Control in Catalonia.

*Mr. Jordi Giné. Head of Catalan Vegetal Health Service. Department of Agriculture, Food and Rural Actions. Barcelona.*

14,10h-14,30h. Control and Eradication Plan in the Canary Isles.

*Ms. Rosa Pilar Martín Suárez. Canary Islands Government Vegetal Health Service. Las Palmas de Gran Canaria.*

## 14,30-16,00h. Closing Cocktail Party

## AFTERNOON

## ■ PRACTICAL CONTROL EXPERIMENTS

16,00-16,20h. Local Action Plan to coordinate the containment, control and management activities for red palm weevil *Rhynchophorus ferrugineus*, in the municipal area of Valencia.

*Mr. Santiago Uribarrena. Urban Tree Studies and Planning Technical Section. Gardening Service. Valencia Local Authority.*

16,20-16,40h. \*Application of Integrated Biological control against Red Palm Weevil in Historical Gardens: Carmen de los Mártires (Granada).

*Ms. Yolanda de la Rosa, IForestal CESP; Mr. Jorge Hernández, Biologist from R+D Department, Biobest Sistemas Biológicos SL; and Mr. Carlos Cerdán, Technician from Projardín.*

16,40-17,00h. Municipal control of Red Palm Weevil.

*Mr. Sergio Paz Compañ. Environment Councillor, Sagunto Local Authority (September 2008 - February 2010).*

## 17,00-17,30h. ROUND TABLE on “Plans of Action and Practical Experiments”

**Moderator:** *Mr. Fernando García-Marí.*

**Members:** Ms. María del Pino Baraja Bou, Mr. Jordi Giné, Ms. Rosa Pilar Martín Suárez, Mr. Santiago Uribarrena and Mr. Sergio Paz Compañ.

**17,30h. CLOSING CEREMONY** of the Encounter chaired by Mr. Manuel Láinez, Director General of Agroalimentary Research at the Regional Ministry of Agriculture, Fisheries and Food.

**\*The Encounter will have simultaneous ENGLISH-SPANISH translation.**

*\*OFFICIAL PRESENTATIONS will be of 20 min duration, after which speakers will take part in a Round Table, where the members may clear up any doubts.*

*\*Speeches corresponding to COMPANY PRESENTATIONS will have 15 min for the presentation plus 5 min to clarify any queries from the audience.*

*\*The queries put forward by the audience in the ROUND TABLES, as well as in the Commercial Presentations, will be in writing. The notepad will be provided along with the Symposium Documentation.*

*\*Personalised documentation must also include the corresponding attendance Diplomas and invoices.*

*\*Mr. Antonio Martí Campoy (Acoustic detection of Red Palm Weevil by wireless sensor networks) will give the demonstration in situ in the Hall.*

**\*BUS SERVICES.** *Members staying in the Hotels provided by the Organisation will have a bus service to and from the Hotel Reina Victoria.*

**\*PARKING IN THE UNIVERSITY**

**\*OTHER TRANSPORT SERVICES to the UNIVERSITY**

Valencia, December 2010

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