



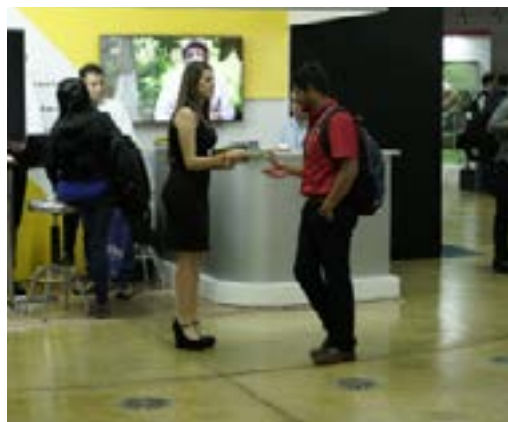
# IV PALM CONGRESS CPAL 2023

T R A N S F O R M I N G   T H E   E N V I R O N M E N T

FEBRUARY 28- 29, MARCH 1, 2024 | SANTO DOMINGO DEL CERRO  
LA ANTIGUA GUATEMALA, GUATEMALA

G E N E R A L   P R O G R A M

FIELD TRIP | PLENARY SESSIONS | AGRICULTURAL, INDUSTRIAL AND SUSTAINABILITY AGENDAS | EXPO CPAL



## WEDNESDAY **FEBRUARY 28**

**FIELD TRIP TO  
SANTA ROSA, S.A.**  
Guatemala's Southern region

### **CONGRESS REGISTRATION**

02:00 p.m. to 06:00 p.m.  
at Hotel Casa Santo Domingo,  
La Antigua Guatemala

## THURSDAY **FEBRUARY 29**

### **REGISTRATION CLOSES**

(PLAZA HERMANO PEDRO)  
From 7:00 to 8:00 a.m.  
at Santo Domingo del Cerro,  
La Antigua Guatemala.

### **INAUGURATION AND PLENARY SESSIONS**

(UPPER FLOOR CONVENTION  
CENTER -ROOM 1-)



**04:00 a 04:15**

**Boarding point, La Antigua Guatemala** | Entrance of Casa Santo Domingo hotel and OIRSA disinfection area Breakfast will be offered on the way to finca Santa Rosa.



**04:15 a 07:00**

**Transfer to finca Santa Rosa, S.A.** Ruta nacional 14, Connection to Palín-Escuintla highway heading for Tiquisate, Escuintla.



**07:10 a 07:30**

**Welcome**  
**Campo Santa Rosa HAME**  
Karen Rosales – Executive Director **GREPALMA** | José Santiago Molina – Chairman of the Board of **GREPALMA**. Hugo Molina, Director-Grupo HAME.  
**Safety measures to follow at the operation,** Enmanuel Sánchez, Business Management Grupo HAME.



**07:30 a 13:30**

- 1. Processing plant – Santa Rosa extraction facility**
- 2. Use of A.N.A to improve bunch filling**
- 3. Benefits of the use of silicon**
- 4. Effect of sufficient irrigation in palm productivity**

## INDUSTRIAL SANTA ROSA, S.A. EXTRACTION PLANT

### Station 1

- Oil potential of bunches, Luis Gómez, Extraction Plant Manager, Fredy Valenzuela, head of Quality Assurance.
- Asset maintenance control, Eng. Franklin Casco, Superintendent of Processing Plants
- Clean energy generation, Eng. Edgar Morán, Extraction Plant Manager

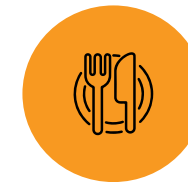


## AGRICULTURAL

**Station 2** | Finca La Rosa | Use of A.N.A. to improve bunch filling, Juan Carlos Sánchez, Responsible for Pests and Nutrition

**Station 3** | Benefits of the use of Silicon | Finca La Rosa | Benefits of the use of silicon in palm nutrition and health. Carlos Jerónimo, Responsible for Nutrition and Development

**Station 4** | Industrias Farm Engine 2 | Effects of efficient irrigation in oil palm crop productivity. Amado Cifuentes, Palm Assistant Manager, Bequer Martínez, Palm Agricultural Manager, Edgar Morán, Extraction Plant Manager



**13:30 a 14:45**

**Lunch at Santa Rosa farmhouse**



**14:45 a 15:00**

**Conclusions and farewell** | Alberto Pereira, Palm Assistant Director Grupo HAME | Junior Barrios, Technical – Agricultural Department – **GREPALMA**.

**NOTE: SCHEDULE SUBJECT TO CHANGES**

**15:00 a 18:00 Transfer back to Antigua Guatemala**

Palín, Escuinta Highway connecting to Ruta nacional 14 (CA-14) to Antigua Guatemala.



**8:00 - 8:30**  
**WELCOME**  
**GREPALMA**



**8:30 - 10:00**  
Protocol act "Actions that  
transform the environment"  
**GREPALMA**



**10:00 - 11:00**  
**NETWORKING BREAK**  
**INAUGURATION OF EXPO**



**11:00 - 12:00**  
The short and long term outlook  
for the palm oil market  
**Julian Conway McGill**



**12:00 - 13:00**  
The multidimensional nature of  
sustainability  
**Joseph D'Cruz, CEO de RSPO**



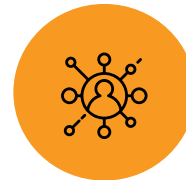
**13:00 - 14:30**  
**LUNCH**



**14:30 - 15:30**  
Forward-looking agricultural decisions  
**José Perdomo, CropLife Latinoamérica**



**15:30 - 16:30**  
Transforming the communication strategy:  
building reputational capital  
**Italo Pizzolante, Pizzolante**



**16:30 - 17:15**  
**NETWORKING BREAK**  
**VISIT TO THE EXPO**



**17:15 - 18:30**  
Panel discussion: Changes in the palm sector  
environment. How do we adapt?  
**Moderator: Karen Rosales.**  
**Panelists:** Santiago Cortés (LDC), Pietro  
Paganini (Competere), Carlos Urías (OIRSA),  
Felipe Molina (Grupo HAME), Juan Espinosa  
(Proforest), Gabriela Alfaro (UVG)

<div> <div>THURSDAY FEBRUARY 29</div> <div> <div>MODULE: FIELD EXPERIENCES</div> <div>SIMULTANEOUS ACTIVITY WITH PLENARY SESSIONS</div> </div> <div>2:30 P.M. TO 6:30 P.M.</div> <div>LOWER FLOOR CONVENTION CENTER -ROOM 2</div> </div>			
14:30 - 15:30	Module I: Harvest and production	16:30 - 17:30	Module III: Plant health
14:30 - 14:50	<div> <div>Conference:</div> <div>Harvest schools in oil palm, with migrant workers through the SITLAM scheme for the southern zone of Costa Rica</div> <div>Conferencista:</div> <div>Ing. Agr. Edison Rodríguez</div> <div>Company Represented:</div> <div>PalmaTica, S.A.</div> </div>	16:30 - 16:50	<div> <div>Conference:</div> <div>Quantification and determination of the density and health of oil palm root system (<i>Elaeis guineensis jacq.</i>)</div> <div>Speaker:</div> <div>MsC. Joaquin Torres</div> <div>Company Represented:</div> <div>PalmaTica, S.A.</div> </div>
14:50 - 15:10	<div> <div>Conference:</div> <div>Comparison of two harvest methods and good agricultural practices in oil palm</div> <div>Speaker:</div> <div>Ing. Carlos Molina</div> <div>Company Represented:</div> <div>NaturAceites, S.A.</div> </div>	16:50 - 17:10	<div> <div>Conference:</div> <div>Conference: Management and control of Euprosterna elaeasa using nuclear polyhedrosis virus -VPN-</div> <div>Speaker:</div> <div>Oscar Navarro</div> <div>Company Represented:</div> <div>NaturAceites, S.A.</div> </div>
15:10 - 15:30	<div> <div>Conference:</div> <div>Design of planting and adaptation of evacuation streets, a key tool for efficiency and maximization of resources in the CAT proces.</div> <div>Speaker:</div> <div>Filiberto Xona</div> <div>Company Represented:</div> <div>Agroindustria Palmera San Román, S.A.</div> </div>	17:10 - 17:30	<div> <div>Conference:</div> <div>GIS technology for agricultural controls in oil palm cultivation</div> <div>Speaker:</div> <div>Ing. José Abascal</div> <div>Company Represented:</div> <div>Palmas del Machaquilá</div> </div>
15:30 - 16:30	Module II: Plant nutrition	17:30 - 18:30	Module IV: Agricultural maintenance and agronomic management
15:30 - 15:50	<div> <div>Conference:</div> <div>Experiences in the application of fertigation and its efficiency in the supply of fertilizer in oil palm cultivation</div> <div>Speaker:</div> <div>Ing. Agr. Juan Carlos Sánchez</div> <div>Company Represented:</div> <div>Grupo HAME</div> </div>	17:30 - 17:50	<div> <div>Conference:</div> <div>Experiences in the application of amendments to adult palm</div> <div>Speaker:</div> <div>MBA. Rodrigo Eroles</div> <div>Company Represented:</div> <div>Agrícola Cancuen, S.A.</div> </div>
15:50 - 16:10	<div> <div>Conference:</div> <div>Determination of the maximum response potential of oil palm <i>Elaeis guineensis jacq.</i> to five dosages of fertilizer based on commercial formula</div> <div>Speaker:</div> <div>Ing. Agr. Byron Ical</div> <div>Company Represented:</div> <div>NaturAceites, S.A.</div> </div>	17:50 - 18:10	<div> <div>Conference:</div> <div>Responsible management of agro-inputs in the cultivation of oil palm: strategy to reduce the chemical load</div> <div>Speaker:</div> <div>Ing. Agr. Randy Gramajo</div> <div>Company Represented:</div> <div>Industria de Jabones y Detergentes Las Palmas, S.A.</div> </div>
16:10 - 16:30	<div> <div>Conference:</div> <div>Importance of nutrition management in the production of palm plants in nurseries</div> <div>Speaker:</div> <div>Oseas Nájera</div> <div>Company Represented:</div> <div>Naturaceites, S.A.</div> </div>	18:10 - 18:30	<div> <div>Conference:</div> <div>Canopy management and effects of thinning in oil palm production</div> <div>Speaker:</div> <div>Ing. Agr. Julio Morales</div> <div>Company Represented:</div> <div>Agroindustria Palmera San Román, S.A.</div> </div>



PLENARY SESSIONS DAY 2

(LOWER FLOOR CONVENTION CENTER -ROOM 2-)

<div>8:30 - 9:30</div> <div>The dinamic palm oil market</div> <div>Speaker: Albert Scalla, StoneX</div> <div>9:30 - 10:00</div> <div>A look at the sustainable palm oil market, opportunities in North America</div> <div>Speaker: Cameron Plese, RSPO Norteamérica</div>	<div>10:00 - 11:00</div> <div>NETWORKING BREAK / VISIT TO THE EXPO</div>	<div>11:00 - 11:45</div> <div>Palm oil quality-related International standards</div> <div>Speaker: Daniel Joaniquet, LIPSA</div> <div>11:45 - 12:30</div> <div>“Carbon markets: how to transform environmental liabilities into carbon assets?”</div> <div>Speaker: Ing. Ana María Zapata, StoneX</div>	<div>12:30 - 14:00</div> <div>LUNCH - NETWORKING</div>	<div>14:00 - 14:45</div> <div>“lphonization” of food and its potential impact on palm oil consumption</div> <div>Speaker: PhD. Pietro Paganini, Competere</div> <div>14:45 - 15:30</div> <div>Transforming the social environment: maintaining the Social License to Operate</div> <div>Speaker: Ing. Arg. Anne Sophie Leroy, EarthWorm Foundation</div>	<div>15:30 - 16:30</div> <div>NETWORKING BREAK / VISIT TO THE EXPO</div>	<div>16:30 - 18:30</div> <div>Panel Discussion: Sustainable markets and the future of certifications</div> <div>Present and future of certifications in the palm oil agroindustry</div> <div>Moderator: MBA. José Roberto Montenegro (AgroAmérica).</div> <div>Panel members: Camilo Santos (RPSO), Rodrigo Erales (Agrícola Cancuen), Adriana Cala (SCS), Fabio González (Palmas del Cesar), Fernando Martínez (Cargill), Ruth Juracán (Naturaceites).</div>
---	--	---	--	--	--	---

AGENDA “**TRANSFORMING THE AGRICULTURAL MODEL**”

(UPPER FLOOR CONVENTION CENTER -ROOM 1-)

8:30 - 10:00	MODULE I		11:00 - 12:30	MODULE II		14:00 - 15:30	MODULE III		16:30 - 18:00	MODULE IV
From planting to harvest: success factors		10:00 - 11:00 NETWORKING COFFEE/ VISIT TO THE EXPO	Precision in the phytosanitary and nutritional management of the crop		12:30 - 14:00 LUNCH	Mechanization of agricultural processes in oil palm cultivation		15:30 - 16:30 NETWORKING COFFEE/VISIT TO THE EXPO	Water and soil resources, assets for productivity	
<div>08:30 - 09:15</div> <div>Sampling, identification, mapping and adaptation of soils, an opportunity to obtain the productive potential of oil palm</div> <div>Speaker: MsC. William Fino</div> <div>09:15 - 10:00</div> <div>Plantation design: an efficiency tool in CAT logistics</div> <div>Speaker: MsC. José Silva</div>			<div>11:00 - 11:45</div> <div>Nutrition management and its relationship with high productivities in Guatemala</div> <div>Speaker: MsC. Joge Mario Corzo</div> <div>11:45 - 12:30</div> <div>15 years of plant health evolution in oil palm cultivation in Guatemala</div> <div>Speaker: MsC. Hugo Calvache Guerrero</div>			<div>14:00 - 15:10</div> <div>Participatory workshop: identification of priorities, alternatives and needs for labor mechanization in oil palm cultivation</div> <div>Speaker: PhD. Carlos Urias</div> <div>15:10 - 15:30</div> <div>Digital characterization of dynamic labor performance indicators for ABC oil palm processes: strategy for oil palm productivity and sustainability</div> <div>Speaker: MSc. Juan Luis Pernalete</div>			<div>16:30 - 17:15</div> <div>Efficient supply of water resources and its relationship with increased productivity: indicators and application cases</div> <div>Speaker: PhD. Alvaro Acosta</div> <div>17:15 - 18:00</div> <div>Analysis of the soil microbiome in palm plantations: result of a pilot project in Guatemalan plantations</div> <div>Speaker: MSc. Adrian Ferrero, Biome Makers - sponsored by: DISAGRO</div>	

AGENDA “**CONTRIBUTING TO THE SUSTAINABILITY ENVIRONMENT**”  
(RECINOS ROOM II -ROOM 3-)

8:30 - 10:00    MODULE I		10:00 - 11:00  NETWORKING COFFEE / VISIT TO THE EXPO	11:00 - 12:30    MODULE II		12:30 - 14:00  LUNCH	14:00 - 15:30    MODULE III		15:30 - 16:30  NETWORKING COFFEE / VISIT TO THE EXPO
Sustainable Production and Circular Economy in palm cultivation			Building trust with stakeholders			Innovation for sustainability, available technologies and tools		
<div>08:30 - 09:00</div> <div>Transition to organic palm production</div> <div>Speaker: Ing. Juan Luis Alvarado, Grupo HAME</div>			<div>11:00 a 11:30</div> <div>Governance construction models, relationship with local actors. Success story: complaints and queries mechanism GRUPO HAME</div> <div>Speaker: MsC. Patricio Cabrera Haro, Earthworm Foundation, M.A. Irene Aycinena, Grupo HAME</div>			<div>14:00 - 14:30</div> <div>Use of satellite-based technologies to support sustainable production practices</div> <div>Speaker: Niels Wielaard, Satelligence</div>		
<div>09:00 - 09:30</div> <div>Taking advantage of POME and the biofuels market</div> <div>Speaker: Santiago Bolaños, Kolibrie Energy, S.A.</div>			<div>11:30 a 12:00</div> <div>Human rights: promoting decent work and implementing due diligence processes</div> <div>Speaker: Githa Roelans, Organización Internacional del Trabajo</div>			<div>14:30 - 15:00</div> <div>Carbon solutions</div> <div>Speaker: Iule Arruda, LDC</div>		
<div>09:30 - 10:00</div> <div>Biochar and innovation and recovery experiences of solid and liquid waste in oil palm</div> <div>Speaker: Ing. Agr. Alvaro Carmona</div>			<div>12:00 a 12:30</div> <div>Putting due diligence into practice</div> <div>Speakers: M.A. Irene Aycinena, Grupo HAME Guillermo Evertsz, Naturaceites</div>			<div>15:00 - 15:30</div> <div>Early warning system model for adaptation to climate change</div> <div>Speaker: Enrique Ibarra, Organismo Internacional Regional de Sanidad Agropecuaria (OIRSA)</div>		



AGENDA “*INNOVATING THE PRODUCTIVE MODEL*”

(ART ROOM I -ROOM 4-)

8:30 - 10:00    MODULE I		10:00 - 11:00    NETWORKING COFFEE / VISIT TO THE EXPO	11:00 - 12:30    MODULE II		12:30 - 14:00    ALMUERZO	14:00 - 15:30    MÓDULO II		15:30 - 16:30    NETWORKING COFFEE / VISIT TO THE EXPO
Process efficiency and use of resources in processing plants			International palm oil quality standards			International palm oil quality standards		
08:30 - 09:00 Control of the palm oil extraction process using RMN-DT: Case study of loss reduction in a processing plant <b>Speaker: Lucas Topp</b>			11:00 a 11:30 Prevention of oil contamination by mineral acids (MOSH MOAH): good practices in traceability from the harvested fruit and critical control points in the processing plant <b>Speaker: Inga. Carolina Hernández</b>			14:00 - 14:35 Online TEMIS system: A new paradigm for online measurement of oil extraction rate and quality parameters <b>Speaker: PhD. Jesús Alberto García Nuñez</b>		
09:00 - 09:30 Technologies available for palm oil clarification <b>Speaker: PhD. Matteo Betti</b>			11:30 a 12:00 Effect of 3-MCPD and 2-MCPD on the quality of crude palm oil and applied technology for its reduction <b>Speaker: PhD. Leon Espinosa</b>			14:35 - 15:45 <b>Panel Discussion:</b> Criteria for palm fruit processing and technologies applied to ensure oil quality <b>Moderator: Ing. Camilo Domínguez</b> <b>Panel members: José Fernando Rodas (Agroindustria Palmera San Román), Héctor Reyes (Grupo HAME), Leon Espinoza (DESMET), José Luna (AgroCaribe).</b>		
09:30 - 10:00 Impact of advances developed by CENIPALMA in Colombian processing plants. <b>Speaker: PhD. Jesús Alberto García Nuñez</b>			12:00 a 12:30 Oil wash to remove chlorine, precursor of 3-MCPD <b>Speaker: PhD. Boon Kheng Hong</b>			15:45 - 16:15 Technology to decarbonize palm industrialization – Experiences in Malaysia and Indonesia <b>Speaker: Thing Jin Suan</b>		

16:30 - 18:00

Panel discussion: Present and future of certifications in the palm oil agroindustry (Lower floor convention center -room 2-)

19:00 - 24:00

Closing dinner by direct invitation



[www.grepalma.org](http://www.grepalma.org)

**CONTACT US**

Email: [info@grepalma.org](mailto:info@grepalma.org)

Phone: (+502) 2366-3641 y (+502) 2366-3648

5ª. Ave. 15-45 zona 10. Edificio Centro Empresarial, Torre II, nivel 4, oficina 408-09

