

Agritech Israel 2018

Tuesday, May 8, 2018

07:30-17:00	Registration
08:45-09:30	<p><u>Opening Ceremony</u> Moderator & Chairperson: Dr. Uri Yermiyahu, President, Agritech Conference Mr. Ofir Libstein, Agritech Israel Chairman Min. Uri Ariel, Israeli Minister of Agriculture and Rural development Mr. Eli Cohen - Israeli Minister of Economy and Industry Gov. Eric Holcomb, Governor of Indiana Mr. Adiv Baruch, Chairman, Israel Export Institute Prof. Eli Feinerman, CEO, ARO, Volcani Center Mr. Aharon Aharon, CEO, Israel Innovation Authority</p>
09:30-10:00	<p><u>Public Policy</u> Moderator & Chairperson: Dr. Uri Yermiyahu, President, Agritech Conference</p> <p>Opening Keynote: Ms. Monique Barbut, Head of UNCCD (United Nations Convention to Combat Desertification)</p>
10:00-11:00	<p>Mashav Special Session Part 1: Marking 60 Years of MASHAV – Israel's Agency for International Development Cooperation, Ministry of Foreign Affairs</p> <p><u>Agriculture and Food Policies in Arid and Semi-Arid Countries</u> Moderator: Ambassador Gil Haskel, Head of MASHAV, MFA Ministerial Round Table - Challenges and solutions in agricultural and food policies in arid and semi-arid areas</p>
11:00-12:15	<p>Mashav Special Session Part 2: Marking 60 Years of MASHAV – Israel's Agency for International Development Cooperation, Ministry of Foreign Affairs</p> <p><u>Family Farming Combating the Desert</u> Moderator: Ambassador Yuval Fuchs, Deputy Head of MASHAV, MFA Q&A with Ministers and Experts</p>
12:15-13:00	Lunch Break

13:00-14:50	<u>Family & Smallholders Farming</u> Hall A2		<u>Protected Cultivation and Plant Protection</u> Hall A3	
	Moderator: Dr. Ruti From-Arica , Director of the Planning Authority, Israel Ministry of Agriculture and Rural Development			Moderator: Dr. Arnon Dag , Senior Researcher, ARO, Volcani Center
13:00-13:30	Keynote: Dr. Shoshan Haran , Founder & General Manager, Fair Planet - " Seeds for developing regions "		13:00-13:30	Keynote: Prof. Dani Shtienberg , Deputy Director for Strategic Development, ARO, Volcani Center - Management of bacterial canker of tomatoes grown under net in semi-arid conditions
13:30-13:50	Ms. Tammy Erann Soussan , Head of the French Division in MATC, MASHAV- Technical Innovation for Poverty Alleviation: The TIPA Model for empowering Smallholder Farmers in Africa		13:30-13:50	Dr. Hagai Yasuor , Senior Researcher, ARO, Volcani Center - Heat stress in protective vegetable crops, mechanisms and agronomical challenges
13:50-14:10	Dr. Ram Fishman , Assistant Professor of Public Policy, Mana Center, Tel Aviv University - Understanding barriers to technology adoption by smallholders		13:50-14:10	Ms. Alona Ron-Snir , CEO, DryGair Energies - Innovative solution for controlling humidity within the growing facilities/ greenhouse
14:10-14:30	Ms. Nitzan Solan , Co-founder & CEO, Living Box LTD - Hydroponics, grow anywhere for everyone		14:10-14:30	Prof. Avital Bechar , Senior Researcher, ARO, Volcani Center - Robotics for precision agriculture tasks in protected crops
14:30-14:50	Mr. Bing Zhao , P4P Director and Global Coordinator, UN World Food Programme - Pro-smallholder procurement, and the importance of market access		14:30-14:50	Dr. Meir Teitel , Senior Researcher, ARO, Volcani Center - Methods for the reduction of heat load in protected crops under warm climatic conditions

14:50-15:10	Coffee Break		
15:10-17:00	<u>Global Projects</u> Hall A2		<u>Africa</u> Hall A3
	Moderator: Zvi Herman , Executive Director, LR Group		Moderator: Mr. Rafi Nevo , Agritech Conference Coordinator, Shirat Enterprises Ltd.
15:10-15:35	Keynote: Prof. Dr. Bekir Erol AK , Faculty of Agriculture, Department of Horticulture, Turkey - The impact of Atatürk Dam on horticultural and field crops at southeast anatolian region	15:10- 15:30	Keynote: Ambassador Gideon Behar , Head of Bureau Africa Division, Israel Ministry of Foreign Affairs - Africa: The implications of climate change, desertification and population growth
15:35-16:00	Keynote: Mr. Frank DiBello , CEO and President of Space Florida Corporation - Discovery science from space towards solutions to agriculture and water challenges	15:30- 16:30	Keynote: Mr. Ran Maidan , President & CEO, Netafim Panel: The Future is now: Transformations in Agriculture Happening in Africa Moderator: Mr. Elad Levy , Head of Netafim-Africa Panelists: 1. Ms. Clare Akamanzi , CEO, Rwanda Development Board (RDB) 2. Mr. Richard Colback , Head, IFC Africa 3. TBA from Rai Group 4. Mr. Abubakar Bakhresa , Managing Director, Azam Group 5. Mr. Daouda Fall , Chairman & CEO, Brahms Group
16:00-16:20	Mr. Arnon Rosenbaum , VP Projects & Business Development, Netafim - Bridging the Water Gap with	16:30- 16:45	Mr. Hillel Magen , VP Agronomy, ICL Fertilizers Ltd. and Director, IPI - Delivering fertilization

	Micro-Irrigation Technology. Ramthal Lift Irrigation Project - Case study of the world's largest drip irrigation project			knowledge through a large scale reach out project to potato and tomato farmers in Kenya
16:20-16:40	Dr. Patricia Imas , Chief Agronomist, ICL Fertilizers Ltd. - Potash for Life - A large scale project for last-mile knowledge delivery to farmers on balanced use of fertilizers in India		16:45-17:00	Prof. Itamar Glazer , Deputy Director for Research and Development, ARO, Volcani Center - Strategies and approaches for the support of African agricultural development
16:40-17:00	Mr. Moti Harari , R&D Southern Arava - Furrows in the desert- Agricultural development project, Turkana, Kenya			
Agritech Israel 2018 Wednesday, May 9, 2018				
08:00-16:00	Registration			
08:30-10:00	<p>Smart Agriculture Moderator: Dr. Victor Alchanatis, Manager, Agriculture Engineering Institute, ARO, Volcani Center</p> <p>08:30-08:55: Keynote: Dr. George Vellidis, Professor, Director of Academic Programs, Crop and Soil Sciences Department, Tifton Campus, University of Georgia – SmartIrrigation – the Pathway to Sustainable Intensification</p> <p>08:55-09:15: Keynote: Prof. Eugene Kandel, CEO, Start-Up Nation Central - Overview on Israeli innovative and entrepreneurial ecosystem in Agriculture</p> <p>09:15-09:30: Prof. Arnon Karnieli, Ben-Gurion University of the Negev - Selected applications of the VENμS satellite for precision agriculture</p> <p>09:30-09:45: Mr. Ran Maidan, President & CEO, Netafim - From Depending on Rain Clouds to Harvesting the Power of the Digital Cloud</p> <p>09:45-10:00: Prof. Ilan Halachmi, Research Scientist, Head of the PLF lab, ARO, Volcani Center - Adapting sensor-based precision livestock farming (PLF) to climate changes and semi-arid agriculture</p>			

<p>10:00-11:00</p>	<p>Israel Innovation Authority Panel & Presentations to Start-Up Companies</p> <p>10:00-10:15: Moderator & Keynote: Ms. Anya Eldan, Vice President, Start-Up Division, Israel Innovation Authority - Agriculture – Growth Engine?</p> <p>10:15-11:00: Start-Up Pitch:</p> <ul style="list-style-type: none"> • AGROWING - Agrowing has vast experience in video and image compression and processing, as well as intimate knowledge of the way cameras and sensors work. • CROPX - Cropx offers an integrated hardware and software system for measuring soil moisture, temperature and electrical conductivity and sending that data to the cloud where it can be accessed from any mobile or fixed device. • EDETE - Edete Precision Agriculture Technologies is solving the world's ever-growing pollination challenge by developing and manufacturing an efficient, automated fruit orchard pollination system and providing optimized pollination services to companies and growers. • FIELDINTECH - FieldIn is an end-to-end pest management software solution for professional growers of specialty crops. We help growers and large grower organizations save money on more efficient crop protection practices, reducing overall use of pesticides and eliminating spray mistakes. • MANNA IRRIGATION INTELLIGENCE - The Manna Irrigation Intelligence solution is a sensor-free, cloud-based software that provides growers with irrigation recommendations, crop monitoring maps and irrigation planning tools. • TEVEL-AGTECH – • TRELLIS - Trellis uses cutting-edge AI algorithms to help you understand and predict real-time threats to your supply chain, including missed targets in quality, quantity, price, and timing, so you can plan accordingly or even avoid them entirely.
<p>11:00-11:20</p>	<p>Coffee Break</p>

11:20-13:20	<u>Water and Irrigation (Qualities)</u> Hall A2		<u>Agriculture Regional Projects and Project Financing</u> Hall A3
	Moderator: Prof. Alex Furman , Associate Professor, Technion		Moderator: Mr. Ami Lustig , Public management Chairman of Agro division at the Israel Export Institute
11:20-11:50	Keynote: Dr. Jose Enrique Fernandez Luque , Senior Researcher, Institute of Natural Resources and Agobiology, CSIC Seville - How far are we from effective irrigation scheduling?	11:20-11:45	Keynote: Prof. Uri Shani , The Hebrew University - "MED-DEAD" Canal
11:50-12:10	Dr. HP Singh , Director, Jain Irrigation systems & Chairman ASSOCHAM , India - TBA	11:45-12:10	Keynote: Prof. Ashok Gulati , Chair Professor Agriculture (ICRIER), Indian Council for Research on International Economic Relations - Agriculture Market Reforms
12:10-12:30	Dr. Shmuel Assouline , Senior Researcher, ARO, Volcani Center - Long-term irrigation with treated wastewater: Effects on soil properties and growth conditions	12:10-12:40	Mr. Arnaud Cachard , Director and Head of Export Finance International, Credit Suisse, Switzerland Ms. Yeliz Tufekcioglu , Head of European Region International Network, SACE
12:30-12:50	Dr. Alon Ben-Gal , Senior Researcher, ARO, Volcani Center - Salt of the earth? The potential and challenges of irrigation with non-conventional water sources	12:40-13:00	Dr. Arnon Dag , Senior Researcher, ARO, Volcani Center - Mid East Regional Cooperation on development of Olive agriculture and industry
12:50-13:10	Dr. Adva Zach-Maor , VP R&D, Amiad Filtration - Analog Innovation in a digital world – The new concept for sustainable filtration solutions	13:00-13:20	Dr. Gal Yaacobi , Bio-Bee - Fruit flies management using biological control at a regional scale

13:20-14:00	Lunch Break		
	<u>Water and Irrigation</u> (Operations, Conveyance, Economics) Hall A2		14:00-14:20 Ms. Nina Lehmann , Director for Agricultural Development Cooperation in Africa, Training Programs and Environment, CINADCO & Ms. Shuli Kurzon van Gelder , Director, Planning, Evaluation and Partnerships, MASHAV- The cooperation between The Israeli and the Palestinian extension services
14:00-15:50		14:20-15:50	Soil Hall A3
	Moderator: Ms. Anat Lowengart , Head of the Agroecology Division in the Extension Service, Israel Ministry of Agriculture and Rural Development		Moderator: Dr. Dror Minz , Director, Institute for Soil, Water and Environmental Sciences
14:00-14:30	Prof. Naftali Lazarovitch , Ben Gurion University of the Negev - Drip fertigation for staple food crops: can we do it?	14:20-14:50	Keynote: Prof. Rene Castro-Salazar , Assistant Director-General of Climate, Biodiversity, Land and Water Department, FAO - The extent of forest in dryland biomes
14:30-14:50	Prof. Jack Gilron , Co-Founder and CTO, ROTEC (Reverse Osmosis Technologies) - Innovations in desalination industry	14:50-15:10	Dr. Gil Eshel , Soil Scientist, Israel Ministry of Agriculture and Rural Development - Challenges in protecting soil health in intensive agriculture located in a dry Mediterranean climate
14:50-15:10	Mr. Zafir Sofer , CEO, Palgey Maim - Effluents- from burden to resource of irrigation	15:10-15:30	Dr. Guy Levy , Researcher, ARO, Volcani Center - Soil sodicity, salinity and structure degradation resulting from irrigation with low-quality water

15:10-15:30	Dr. Shabtai Cohen , Senior Researcher, ARO, Volcani Center - Crop water requirements and irrigation under screens and plastic without climate control			
15:30-15:50	Dr. Ofer Beeri , Chief Scientist, Rivulis & Manna Irrigation - Detecting plant water potential using remote sensing, for improved irrigation decisions		15:30-15:50	Dr. Eli Zaady , Senior Researcher, ARO, Volcani Center - Ecological stabilization of movable sand dunes at the edge of agricultural fields
15:50-16:10	Coffee Break			
16:10-18:00	<u>Combating Desertification - Agriculture and Environment under Drought Conditions</u> Hall A2		<u>Crops</u> Hall A3	
	Moderator: Dr. David Brand , Chief Forester, JNF			Moderator: Prof. Yoram Kapulnik , Executive Director, BARD
16:10-16:35	Hon. Carola Schouten , Minister of Agriculture, Nature and Food Quality - The Netherlands – Your Ally In The Battle Against Climate Change		16:10-16:40	Keynote: Prof. Yosef Mizrahi , Ben-Gurion University of the Negev - Cacti as possible future multipurpose desert crops
16:35-17:00	Keynote: Dr. Guillaume Gruere , Senior Policy Analyst, Trade and Agriculture Directorate, OECD - TBA		16:40-17:00	Mr. Miles Hurrell , COO, Fonterra, New Zealand & Australia farmers & Dairy Co-operative - Adaptability: the changing dynamics in resource availability NZ – and lessons to be learned from arid regions
17:00-17:20	Prof. Marcelo Sternberg , Tel Aviv University - Effects of climate change on grazing management: knows and unknowns in time of uncertainty		17:00-17:20	Dr. David J. Bonfil , Senior Researcher, ARO, Volcani Center - Israel, natural field lab - Wheat and climate change

17:20-17:40	Dr. Rakefet David-Schwartz , Senior Researcher, ARO, Volcani Center - Mechanisms to cope with water stress in forest trees at the semi-arid area in Israel		17:20-17:40	Dr. Yuval Cohen , Senior Researcher, ARO, Volcani Center - Date palm cultivation in Israel: Challenges and research achievements
17:40-18:00	Dr. Zvi Peleg , The Hebrew University - Variety Cultivation and adjustment to desert conditions		17:40-18:00	Mr. Gabi Wolkinson , CEO, Sea Dream, Microdel Group - Fish growth in the Desert
18:00	Closing Cocktail Evening for Lecturers and Organizers			