



IX International Symposium on Mineral Nutrition of Fruit Crops

7-11 June 2020 Yearim Hotel, Israel

The symposium will promote exchange of fundamental and applied understanding of the diverse aspects of orchard nutrition.

Yearim hotel is located in Israel's central mountain region, just 10 km west of Jerusalem and around half an hour from Ben Gurion international airport.

Israel is characterized by a large variation in climatic conditions in a relatively small area. Hence, participants will have the opportunity to see a wide diversity of orchard crops, from date palm, typical to desert areas, to tropical subtropical and Mediterranean crops including banana, mango, avocado, citrus, olive and grapes, to temperate zone crops including apple, pear, peach and cherry. Almost all orchards in Israel are micro-irrigated using drip irrigation and sprinklers and are fertilized via the irrigation systems (fertigation). The majority of local orchards are irrigated using recycled wastewater, further affecting fertilizer needs, nutrient availability, and tree nutrition.

TOPICS

- Physiological aspects of mineral nutrition
- Genetics and plant nutrition
- Sustainable approaches to nutrient management (including soil management, intercropping and biofertilisers)
- Diagnosis of plant nutrient status
- Plant nutrient status and fruit quality
- Bioactive compounds and mineral nutrition
- Role of plant-microbe interactions in mineral nutrition
- Trends in fertilizer consumption
- Nutrient losses
- Mineral supply technology
- Rootstock and root architecture
- Plant mineral nutrition and human nutrition
- Mineral nutrition under arid conditions



The conference will include 2.5 days of oral and poster presentations. A half day will be dedicated to a guided tour in the ancient city of Jerusalem and a Gala dinner. An additional day will include professional tours to commercial orchards in the Southern area of Israel and to research facilities and platforms where different aspect of orchard crop nutrition are explored.

An optional pre-conference two-day professional tour will be available. This tour will start at the Dead Sea (the lowest place on earth, -430 m below sea level), continue through the Jordan Valley and reach up into the Golan Heights (1200 m above sea level). Each area will allow observation of a variety of typical orchard crops, and opportunity to discuss and learn about their nutrition. The tour will additionally include a number of unique touristic attractions.

For more information please contact us
www.ortra.com/events/mnutrition2020

