

Markets and production

1 Dario Scuderi Mango production in Sicily, Italy: state of the art and future perspectives

Harvest and postharvest

- 2 Andrea Velasquez Imported Mango Quality Survey at Arrival to Stores across USA
- 3 Andrea Velasquez Testing the Performance of Exogenous Ethylene Application on Ripening of Hot Water Treated Imported Mangos (*Mangifera indica*)
- 4 Jorge Alberto Osuna-García Uso de técnicas no destructivas para determinar madurez óptima de cosecha en frutos de mango
- 5 Shinya Kanzaki Isolation and expression analysis of *glutathione S-transferase (GST)*-like genes involved in anthocyanin accumulation in mango peel

Breeding

- 6 Cesar Petri Thidiazuron stimulates in vitro shoot regeneration from cotyledonary node explants in mango
- 7 Marcos Adrián Ruiz-Medina Comparative analysis of morphoanatomical characteristics in mango trees (*Mangifera indica* L.) with different ploidy levels

Germplasm and diversity

- 8 Noris Ledesma Herbarium Specimens and Botanical Characterization of *Mangifera* species
- 9 Noris Ledesma A Review of *Kasturi (Mangifera casturi)*
- 10 María José Grajal Martín Digital Database of the ICIA Mango Germplasm Collection: FRUTTMAC Project
- 11 Emily Warschefsky A Mango phylogeny: future directions and implications

Biotic and abiotic stress

- 12 Isabelle Grechi Management of fruit fly damage via mango harvest timing optimization: a modelling approach
- 13 Stanley Freeman Identification and pathogenicity of *Botryosphaeria* species associated with mango dieback disease in Egypt and Israel

Flowering and fruit set and abscission

- 14 Jorge Lora Cell wall components during female germline development of Mango
- 15 Vered Irihimovitch Expression Profiling of Four Mango FT/TFL1-Encoding Genes under Different Fruit Load Conditions, and Their Involvement in Flowering Regulation
- 16 Maria Hilda Perez Barraza Increase in the production of pollinated fruits with application of boron and calcium in mango 'Ataulfo' in Nayarit, México
- 17 Maria Hilda Perez Barraza Flowering and harvest modification with intensity and time pruning in mango 'Ataulfo' in Nayarit, Mexico
- 18 Raquel Cano-Medrano Flowering and yield with alternative gibberlin inhibitors topaclobutrazol in 'Tommy Atkins' mango
- 19 Frédéric Normand Deciphering the spatial and temporal patterns of flowering within the mango tree crown
- 20 Hirotaka Ozaki Exploring genes whose expression fluctuates with floral induction and MiFT expression in mango leaves
- 21 Yeon Jin Jang Application of plant growth regulator affects flowering characteristics of 'Irwin' mango
- 22 Thiresia-Teresa Tzatzani Can exogenous application of Zn, B, Ca and NAA on mango trees obstruct fruitlets' abscission?
- 23 Irma Julieta González-Acuña Phenotypic characterization of floral and reproductive differentiation in mango 'Ataulfo' in Nayarit, Mexico

Crop management

- 24 Irma Julieta Gonzalez Acuna Mycorrhizae in presence of *Ascophyllum nodosum* and vermicompost in mango 'Ataulfo' in Nayarit, Mexico
- 25 Jin Gook Kim Evaluation of physicochemical characteristics of 'Irwin' mango grown in the plastic house with heating at general and different storage conditions
- 26 Mohsen Pourmohammad Shahvali Climate Change Multi-Risk Assessment for Mango Cultivation in Sicily, Italy by using Bayesian Network
- 27 Mohsen Pourmohammad Shahvali MISAR in Agricultural Area by developing machine learning models (Case Study: Mango Farms in Sicily, Italy)
- 28 Inigo Auzmendi Computer visualization of branch structure and canopy of mango trees grown under different training systems

Genomics

- 29 Aynhoa Gómez An interactive gene expression atlas for mango
- 30 José G. Vallarino Differences in metabolite content in a core collection of Mango cultivars