



Welcome to the VI International Jujube Symposium!

24-28 September 2023

Program

Sunday, 24th of September 2023

16:00-20:00 Registration and Welcome cocktail – Hortinvest Research Center

Monday, 25th of September 2023

09:00-10:00 Welcome and Registration - Aula Magna „Petre S. Aurelian” Building A, Rectorate

10:00-10:30 Opening ceremony – Aula Magna „Petre S. Aurelian” Building A, Rectorate
 Florin Stănică, Vice-Rector, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Convener
 Officials - Ministry of Education, Ministry of Agriculture and Rural Development, Embassies *tbc*
 Sorin Mihai Cîmpeanu, Rector, University of Agronomic Sciences and Veterinary Medicine of Bucharest
 Mengjun Liu, Dean College of Horticulture, Hebei Agricultural University, Convener
 Adrian Asănică, Dean of Faculty of Horticulture, University of Agronomic Sciences and Veterinary Medicine of Bucharest

Section - New trends in jujube breeding

10:30 – 11:00 (KNS) Mengjun Liu, Xianwei Meng, Jin Zhao, Zhihui Zhao, Yao Liu, Daqi Liang, Xiaoya Yang, Yihan Yang - Hotspots and trends of researches on jujube (*Ziziphus* Mill.) based on bibliometric analysis of web of science and PubMed database (2000-2022)

11:00 – 11:30 Photo session and coffee break

11:30 – 12:00 (KNS) Sezai Ercisli – Jujube (*Ziziphus jujuba* Mill.): A promising fruit for cultivation in Türkiye

12:00 – 12:30 (KNS) Florin Stănică, Mengjun Liu - Present and perspectives for jujube (*Ziziphus jujuba* Mill.) cultivation in Europe

12:30 – 14:00 Lunch break, Fruit exhibition & Poster session

14:00 – 14:20 Aziz Akkarak, Ferdinando Cossio, Pasquale Venerito - Optimization of newly developed microsatellite markers for genetic evaluation of jujube (*Ziziphus jujuba* Mill.) germplasm

14:20 – 14:40 Yongkang Wang, Xinru Chen, Xiaofang Xue, Haiyan Ren, Ailing Zhao, Meijuan Shi, Wanlong Su, Li Liu, Dengke Li - Breeding of new fresh jujube varieties by labor-saving cultivation

- 14:40 – 15:00 DongGeun Lee, Chae Young Lee, Heesoon Park, Hyo-Jung Kang, Jae-Eun Park, Hyunman Shin - Growth and development characteristics of jujube genetic resources, functional substance content, and ploidy test
- 15:00 – 15:20 Adrian Asănică, Florin Stănică, Cosmin Mihai, Adrian Peticilă - Ziprim – the first jujube Romanian variety
- 15:20 – 15:40 Sisir Kumar Mitra - Genetic diversity of ber (*Ziziphus mauritiana* Lam.) in India
- 15:40 – 16:00 Aurelia Diaconu, Irina Titirica, Florentina Netcu, Alina-Nicoleta Paraschiv, Cristina Birsoghe - Some Chinese jujube genotypes grown on sandy soils of southwestern Romania
- 16:00 – 16:30 Coffee break
- 16:30 – 16:50 G.K. Dhillon, J.S. Bal - Evaluation of some Indian jujube cultivars for fruit and quality traits under North Indian climatic conditions
- 16:50 – 17:10 Daljinder Singh, Rajbir Singh Boora - Performance of exotic and indigenous cultivars of ber (*Ziziphus mauritiana* Lamk.) under North Indian conditions
- 17:10 – 17:30 Daljinder Singh, Rajbir Singh Boora - Biodiversity conservation of ber (*Jujube*) in India
- 17:30 – Visit at National Museum of the Village "Dimitrie Gusti" (optional)

Tuesday, 26th of September

08.00 – 18.00 Technical tour at Pietroasa and Istrița Didactic, Research & Development Station for Viticulture and Fruit
Visit Muddy Volcanos, Berca, Buzău county

Wednesday, 27th of September

Section – New trends in jujube breeding

10:00 – 10:20 Ion Stoli, Florin Stănică - Morphological characterization of *Ziziphus jujuba* Mill. fruits of some local genotypes from Dobrogea

Section - Sustainable jujube orchard management

10:20 – 10:40 Heesoon Park, Chae Young Lee, Donggeun Lee, Hyo-Jung Kang, Jae Eun Park, Hyunman Shin - Change in jujube growth and soil bacterial community by oil cake amendment

10:40 – 11:00 Utpal Das - *Ziziphus mauritiana* (Indian jujube): A potential fruit tree for serving livelihood in arid region

11:00 – 11:20 Rareș Pândaru, Adriana Mihăilescu, Cosmin Mihai, Ana Butcaru, Florin Stănică - Preliminary results regarding the behaviour of Jujube (*Ziziphus jujuba* Mill.) cultivated in South-East -Romania

11:20 – 11:40 Surjit Singh - Performance of jujube orchards in prevailing climatic conditions of Punjab

11:40 – 12:00 Adriana Mihăilescu, Rareș Pândaru, Cosmin Mihai, Ana Butcaru, Florin Stănică - Phenological growth stages of jujube (*Ziziphus jujuba* Mill.) cultivated in South-East Romania according to the BBCH scale

12:00 – 12:20 Aurelia Diaconu, Alina-Nicoleta Paraschiv, Florin Stănică, Irina Titirică, Ștefan Nanu, Cristina Bîrsoghe - The influence of climatic conditions on the physiological activity of some Chinese jujube genotypes grown on the sandy soils of southwestern Romania

12.20 – 14.30 Lunch break

Section – Physiology, metabolomics, and miscellaneous

- 14:30 – 15:00 (KNS) Shengrui Yao - Six fresh eating cultivars metabolite profiles reveal cultivar differences through widely targeted metabolomics analysis
- 15:00 – 15:20 Lina Zhao, Noemi Tel-Zur - Synchronization of flower opening: the heterodichogamous species *Ziziphus jujuba* as a case study
- 15:20 – 15:40 Meng Yang, Bin Li, Lu Han, Shufeng Zhang, Yunxin Lan, Yihan Yang, Mengjun Liu - SSR statistical analysis is based on published jujube (*Ziziphus jujuba* Mill.) genomes data
- 15:40 – 16:00 Lixin Wang, Ruimei Li, Xiaoxue Guo, Wenhui Zhu, Ruoyu Zhao, Mengjun Liu, Zhiguo Liu, Li Dai - Establishment of suspension cells in Chinese jujube (*Ziziphus jujuba* Mill.) (online)
- 16:00 – 16:30 Coffee break
- 16:30 – 16:50 Sen Wang, Fengxia Shao, Saiyang Zhang, Juan Chen, Yu He - Research on the mechanism of seed abortion of Chinese jujube (*Ziziphus jujuba* Mill.) (online)
- 16:50 – 17:10 Jidong Li, Zesen Qiao, Yujing Huang, Sicheng Guo, Jiancan Feng - Jujube witches' broom (Zaofeng) disease: bacteria that drive the plants crazy
- 19:00 – 22:00 Symposium Gala dinner – Ceres Restaurant, Agronomie-Herăstrău Campus

Thursday, 28th of September

Session - Fruit quality, postharvest and processing technologies

- 09:00 – 09:30 (KNS) Zhihui Zhao, Qingyi Li, Mengjun Liu - Jujube nutrition and processing
- 09:30 – 09:50 Sezai Ercisli, Mehmet Ramazan Bozhuyuk – Morphological and biochemical differences among jujube genotypes
- 09:50 – 10:10 Utpal Das - Assessment of suitability of ber (*Ziziphus mauritiana* L.) cultivars for value addition through dehydration technology
- 10:10 – 10:30 Ana-Maria Stoenescu, Sina Niculina Cosmulescu - *Ziziphus jujuba* fruit: a review of fruit composition
- 10:30 – 11:00 Coffee break
- 10:30 – 10:50 Amelia Petrescu, Mihail Coman, Mihaela Paraschiv, Oana Hera - Fruit quality of some jujube genotypes grown at RIFG Pitesti, Romania
- 10:50 – 11:10 Lili Wang, Shuangjiang Chen, Fawei Liu, Ye Yuan, Zhihui Zhao, Mengjun Liu - Establishment of biotransformation system of jujube psicose and aloulose monosaccharide (On line)
- 11:10 – 11:30 Shi Fang - Chines Jujube-China's Energy Stick
- 11:30 – 11:50 Elena Gabriela Stan, Lavinia Mihaela Udrea (Iliescu), Ana Cornelia Butcaru, Florin Stănică - Some ideas for jujube processed products for the European market
- 11:50 – 12:10 J.S. Bal, B.V.C. Mahajan - Post-Harvest life of Indian jujube at low temperature
- 12.10 – 13.30 Lunch break
- 13.30 – 14.30 ISHS Business Meeting
Young minds awards
Next symposium candidature
Others
Symposium closure

Friday - Sunday, 29th of September – 1th of October

Post Symposium tour (3 days)

Friday, 29th of September

- 08:00 Departure from the USAMV Bucharest Campus

10:00–10:30 Vila Giulia, Islaz, Teleorman county, coffee break, and local fruit display and testing

13:00–13:30 Arrival at Dăbuleni Research & Development Station for Plant Cultivation on Sandy Soils and a short coffee break

13:30–14:30 Field visit

14:30–15:30 Lunch

15:30–18:00 Arrival at "Carul din Stele" Pension, Beharca, Dolj County, and Dinner

Saturday, 30th of September

09:00 Departure

11:30–12:30 Arrival at Sautner Family Farm, Drobeta Turnu Severin, Mehedinți County, and field visit

12:30–14:00 Lunch in Drobeta Turnu Severin, Mehedinți County

15:00–17:00 Arrival at Mraconia Monastery and Danube Gorge boat ride

18:00 Arrival at Svinița, Mehedinți County, and traditional dinner with campfire

Sunday, 1th of October

09:00-10:00 Departure and Svinița, Mehedinți County field visit

11:30-12:30 Visit at the Iron Gate Museum

13:00-14:00 Lunch at Taverna Sârbului on the Danube shore

19:00 Arrival in Bucharest