

7th International Symposium on Kiwifruit

POSTERS' LIST

Session 1. Economy, diffusion of the culture. Statistics, market, consumer evaluation

- 1.1. *Benge et al.* Environmental Outcomes of Kiwifruit Production in New Zealand
- 1.2. *Cacioppo O.* Optimal growing conditions for the production of quality cultivars such as Hayward, Hort 16a, Kiwigold (Jintao) and Soreli in the Latina Pgi kiwi area

Session 2. Breeding and Physiological and molecular aspects, molecular genetics, genetic maps, genetic traits of interest, breeding strategies and objectives

- 2.1. *Sup ho al.* A selection of Korean gold kiwifruit 'Haegeum' and its performances
- 2.2. *Conte et al.* Breeding Activity on *Actinidia deliciosa* and *Actinidia chinensis* species
- 2.4. *H. Dai et al.* Genetic diversity of *Actinidia arguta* in Northern-East China as revealed by RAPD polymorphism
- 2.5. *Fu F.Q.* Chinese selected 12 new kiwiberry (*A. arguta*) varieties in one province
- 2.6. *Guo X.M. et al.* Chloroplast polymorphism of the tissue zones of kiwifruit (*Actinidia chinensis* Planch 'Zhonghua 36') at early development stage
- 2.7. *Hilario et al.* Whole genome sequencing project on *Actinidia chinensis*
- 2.8. *Kim et al.* A New Kiwifruit Variety, 'Halla Gold' with high soluble solids content and early harvesting
- 2.9. *Kwack et al.* 'Goldrush', a newly bred kiwifruit cultivar in Korea
- 2.10. *Kuroda et al.* Geographical diversity for ploidy level and chloroplast DNA of Japanese *Actinidia*
- 2.11. *C. Liu et al.* In Vitro induction of octoploid plants from tetraploid *Actinidia arguta*
- 2.12. *Matsumoto et al.* Characteristics of interspecific hybrids between *A. chinensis* kiwifruit and *A. rufa* native to Japan
- 2.13. *Muleo R., Iacona C., Loreti F.* Novel variant lines of cv hayward obtained through in vitro somaclonal variation.
- 2.14. *Rugini E. et al.* Kiwifruit transgenics for *osmotin* gene and inoculation tests with *Botrytis cinerea* and *Cadophora luteo-olivacea*

- 2.15. *Souleyre et al.* Ester biosynthesis in kiwifruit – From genes to enzymes to pathways
- 2.16. *Testolin et al.* Evaluation of parental genotypes as a tool for planning the mating design in kiwifruit breeding programs
- 2.17. *Varkonyi-Gasic et al.* Flowering in kiwifruit
- 2.18. *Wang & Huang* Cytology of pigmentation in red-fleshed kiwifruit cultivated in different regions
- 2.19. *Wang and Shen* Selection of a superb new kiwifruit cultivar ‘Fengshuo’
- 2.20. *Wright M. et al.* Kiwifruit Genes Increase Ascorbate Concentrations in Transiently Transformed Tobacco and in Stable Model Transgenic Fruit Systems
- 2.21. *Xu et al.* EST-SSR marker related to dwarf characteristics in *Actinidia Chinensis* Planch ‘Ganmi 5’
- 2.22. *Zheng et al.* Study in the economically-valuable genetic property of the F1 progeny of Chuan Mi 3#(♀) x HY-seedling(♂)

Session 3. Cultural management

- 3.1. *Cacioppo O.* Two-year research work (2008/2009) on innovative irrigating techniques
- 3.2. *Cacioppo O.* Two-year study on the silicon effects on actinidia plants and namely the cv Hayward and Hort 16a cultivars
- 3.3. *Costa G. et al.* Use of Bioregulators in Pre- and Post-Harvest in Kiwifruit
- 3.4. *Debersaques & Mekers* Influence of chlorine on shoot growth of kiwiberry (*Actinidia arguta* Planch.)
- 3.5. *Dichio B. et al.* Xylem Functionality and Solution Uptake Rate in Kiwifruit
- 3.6. *Dichio B. et al.* Latitudinal and Seasonal Variations of Vegetative Behaviour and Cropping of Kiwifruit (*A. Deliciosa* and *A. Chinensis*)
- 3.7. *Falasca et al.* Sugar and calcium effects on pollen development in kiwifruit anthers cultured *in vitro*
- 3.8. *Fu F.Q.* Kiwiberry (*Actinidia arguta*) Micropropagating in China
- 3.9. *Hernandez et al.* Erger: just alternative or a different effect in kiwifruit (*Actinida deliciosa* and *Actinida chinensis*) budbreak and flowering.
- 3.10. *Jafari-Najaf-abadi et al.* A comparison between micropropagation of kiwifruit (*Actinidia deliciosa*) cv. Hayward and Golden
- 3.11. *Jameel et al.* 1-MCP delays ripening, and enhances shelf life and quality of kiwifruit

- 3.12. *Kiabi et al.* Comparative analysis of the flower volatile oil in two male and one female cultivar of *Actinidia deliciosa* and possible role of it in pollination
- 3.13. *Kwack et al.* Grafting characteristics of kiwifruit cultivars bred in Korea
- 3.14. *Liang et al.* Studies on Kiwifruit Improvement by Multiple Top Grafting
- 3.15. *Martinez-Nunez et al.* Comparison of Fruit Production Among Integrated, Organic and Conventional Kiwifruit Farming Systems
- 3.16. *Mazzeo M. et al.*, Fruit transpiration responds to windspeed in fruit of *Actinidia deliciosa* cv Hayward
- 3.17. *Montanaro G. et al.*, Response of Fruit Transpiration to Climatic Variables
- Noveline et al.* Hormonal control of vegetative vigour in kiwifruit vines
- 3.18. *Rana et al.* Influence of CPPU alone and in combination with other plant bio-regulators on the fruit yield, quality and harvest maturity of kiwifruit cv. Allison.
- 3.19. *Rana et al.* Effect of time and level of summer pruning on the vine characteristics, fruit yield and quality of kiwifruit
- 3.20. *Spinelli R. et al.* Harvesting kiwi fruit pruning residue for biomass production
- 3.21. *Tataranni G. et al.* The Effect of Multiplication Number *in vitro* on Juvenility of Kiwifruit Plants (*Actinidia deliciosa* A. Chev)
- 3.21. *Thorp et al.* What are the productivity limits for ‘Hayward’ Kiwifruit?
- 3.23. *Vattiprolu N. M.R. et al.* Effect of gibberellins and anti-gibberellins on the vegetative growth of green kiwifruit (*Actinidia deliciosa*)
- 3.24. *Vattiprolu N. M.R. et al* Hormonal Control of Vegetative Vigour in Kiwifruit Vines
- 3.25. *Ziosi et al.* Effects of NAA and GA₃ combined application on kiwifruit size, quality, and storability: preliminary results in *Actinidia chinensis* (cv HORT16a)

Session 4. Plant protection

- 4.1. *Auger et al.* Differential susceptibility to *Verticillium albo-atrum* Chilean isolates of six kiwifruit (*Actinidia* spp.) cultivars
- 4.2. *Di Lenarda et al.* Biological and agronomical strategies for controlling skin-pitting of kiwifruit
- 4.3. *Manning et al.* Fruit rots of *Actinidia chinensis* ‘Hort16A’ in Korea and Japan associated with two *Pseudocercospora* species
- 4.4. *Mazzaglia et al.* Characterization of *Pseudomonas Syringae* Pv. actinidiae populations using different typing techniques.

- 4.5. *Mucini et al.* Bacterial canker of kiwifruit (*Actinidia* spp.): preliminary bacteriological studies in asymptomatic plant materials in North-eastern Italy
- 4.6. *Wurms et al.* Up regulation of putative defence-associated transcripts correlates with elicitor-induced ripe rot reduction in ‘Hort16A’ kiwifruit
- 4.7. *Yano et al.* Tolerant *Actinidia* species to *Pythium helicoides* and *P. vexans* causing root rot

Session 5. Storage and Fruit quality

- 5.1. *Cacioppo O.* Three-year study (2007 – 2008 – 2009) on the difference in the flavour of kiwi fruits in the province of Latina
- 5.2. *Cantin C.M., Holcroft D. and Crisosto C.H.* Postharvest application of 1-methylcyclopropene (1-MCP) extends shelf life of ‘Hayward’ kiwifruit
- 5.3. *Cantin C.M., A. Soto, G. M. Crisosto and C. H. Crisosto* Evaluation of a Non-destructive Dry Matter Sensor for Kiwifruit
- 5.4. *Ceccarelli et al.* Preliminary evaluation of phenolic compounds and antioxidant activity in fruits of genotypes of *Actinidia chinensis* and *Actinidia deliciosa* under evaluation at the CRA-FRU, Rome
- 5.5. *De Filippi & Manriquez* 1-MCP is an effective tool for reducing detrimental effects of ethylene contamination during kiwifruit storage.
- 5.6. *Duman and Ozcan* Fatty acid and mineral contents of kiwifruit seed and pulps
- 5.7. *Ferrucci et al.* The challenge of GlobalGap® standard on kiwifruit
- 5.8. *Karazahin Yildirim et a* Effect of controlled atmosphere storage on the antioxidant capacity, total phenolics and flavonoids of kiwifruits
- 5.9. *Marsh and Thorp* Titratable Acidity in Kiwifruit, a Comparison of Different Methods of Analysis
- 5.10. *Moscatello et al.* Comparison of yield and fruit qualitative characteristics between organic and integrated orchards of *Actinidia deliciosa* (cv Hayward) in central Italy
- 5.11. *Nezhad et al.* Fruit quality, antioxidant capacity, and phenolic compounds of organically and conventionally grown kiwifruits in Iran
- 5.12. *Panagopolous & Antunes* Spatial distribution of qualitative characteristics and production factors of kiwifruit at “Beira Litoral”, Portugal
- 5.13. *Petkopoulou & Papadopoulos* Improving postharvest quality of kiwi using an innovative calcium technology
- 5.14. *Petkopoulou et al.* Use of ozone to improve the quality of kiwifruits during the storage

5.15. *Sharma & Pa* Effect of heat shrinkable films of shelf life and quality of kiwifruit

5.16. *A. Soto, L. Piccinini, D. Ravaglia, G. Costa* Abscisic Acid, a new Use of a Known Plant Hormone. Evaluation of its Effect on Kiwifruits