

Original Articles

- Improvement in Handpicking Efficiency of Satsuma Mandarin Fruit with Combination Treatments of Gibberellin, Prohydrojasmon and EthephonK. Sato and Y. Ikoma 283
- Thinning and Bagging Treatments and the Growing Region Influence Anthocyanin Accumulation in Red-fleshed Apple FruitC. Honda, H. Iwanami, K. Naramoto, T. Maejima, K. Kanamaru, Y. Moriya-Tanaka, T. Hanada and M. Wada 291
- Summer Pruning Differentiates Vegetative Buds to Flower Buds in the Rabbiteye Blueberry (*Vaccinium virgatum* Ait.)F. Karimi, M. Igata, T. Baba, S. Noma, D. Mizuta, J. G. Kim and T. Ban 300
- Predicting the Number of Flowers in Satsuma Mandarin (*Citrus unshiu* Marc.) Trees Based on Citrus *FLOWERING LOCUS T* mRNA LevelsF. Nishikawa, M. Iwasaki, H. Fukamachi and T. Endo 305
- Effect of High Temperature and Drought Stress on Carbohydrate Translocation in Japanese Apricot 'Nanko' TreesY. Tsuchida and H. Yakushiji 311
- Effects of Fluridone Treatment on Seed Germination and Dormancy-associated Gene Expression in an Ornamental Peach (*Prunus persica* (L.) Batsch)K. Worarad, X. Xie, I. M. Romainum, C. Burana and K. Yamane 317
- Physiological Mechanisms Accounting for the Lower Incidence of Blossom-end Rot in Tomato Introgression Line IL8-3 FruitH. Ikeda, T. Shibuya, M. Nishiyama, Y. Nakata and Y. Kanayama 327
- Photosynthetic Properties and Response to Drought in Cucumber Seedlings Acclimatized to Different Vapor-pressure-deficit LevelsT. Shibuya, K. Kano, R. Endo and Y. Kitaya 334
- Isolation and Gene Expression Analysis of Flowering-related Genes in Lettuce (*Lactuca sativa* L.)M. Fukuda, Y. Yanai, Y. Nakano, H. Sasaki, A. Urugami and K. Okada 340
- Difference between Nighttime and Daytime UV-B Irradiation with Respect to the Extent of Damage to Perilla LeavesN. Ota, T. Nabeshima, M. Osakabe, S. Aoki, T. Awano and M. Hosokawa 349
- Effect of Organo-mineral Fertilizer on Tomato Fruit Production and Incidence of Blossom-end Rot under SalinityK. Kataoka, K. Sugimoto, H. Ohashi and H. Yamada 357
- Development of a Core Collection of Strawberry Cultivars Based on SSR and CAPS Marker PolymorphismsT. Wada, Y. Noguchi, S. Isobe, M. Kunihisa, T. Sueyoshi and K. Shimomura 365
- Genetic Diversity of *Lilium auratum* var. *platyphyllum* Endemic to the Izu Archipelago and its Relationship to a Nearby Population of *L. auratum* var. *auratum* by Morphological and SSR AnalysisS. Yamamoto, T. Kikuchi, Y. Yamagiwa and T. Handa 379
- Effect of CO₂ Enrichment on Growth and Flowering of *Phalaenopsis*H. J. Kim, A. R. Cho, K. S. Park and Y. J. Kim 389
- Effect of Change in Light Quality on Physiological Transformation of *in vitro* *Phalaenopsis* 'Fortune Saltzman' Seedlings during the Growth PeriodJ. Anuchai and C.-H. Hsieh 395
- Effect of Storage Temperature on Fruit Ripening in Three Kiwifruit CultivarsW. O. Asiche, O. W. Mitalo, Y. Kasahara, Y. Tosa, E. G. Mworira, K. Ushijima, R. Nakano and Y. Kubo 403
- Author Instructions 411