

**>> Research Reports****Cultivation Physiology****443** Plant Growth and Fruit Quality as Affected by Canopy Locations in 'Shiranuhi' Mandarin

| Doo-Gyung Moon, Jae-Ho Joa, Young-Eel Moon, Ki-Cheol Seong, Chun-Hwan Kim, and Yul-Kyun Ahn

**448** Modulation of Endogenous Peroxidase by Exogenous Peroxidase in Chinese Red Radish Seedling

| Li Wang, Lan Wang, Fang-Jun Li, Lin-Song Wang, and Myeong-Hyeon Wang

**Protected Horticulture****455** Estimation of Growth and Yield for Single-stemmed Rose 'Vital' in a Single Stem System

| Kyung-Hwan Yeo, Young Yeol Cho, and Yong-Beom Lee

**Postharvest Technology****466** Synergistic Effect of STS and Cool Storage on Post-harvest Performance of Cut Spikes of *Consolida ajacis* cv. Violet Blue

| Waseem Shahri, Inayatullah Tahir, Sheikh Tajamul Islam, and Mushtaq Ahmad Bhat

**471** Effect of Modified Atmosphere Packaging on Chemical Composition, Antioxidant Activity, Anthocyanin, and Total Phenolic Content of Cherry Fruits

| Shadan Khorshidi, Gholamhossein Davarynejad, Ali Tehranifar, and Esmail Fallahi

**482** Effect of Pulse Treatment with Sucrose, Exogenous Benzyl Adenine and Gibberellic Acid on Vase Life of Cut Rose 'Red One'

| Mahdiyeh Gholami, Majid Rahemi, and Somayeh Rastegar

**488** Effect of Aqueous Chlorine Dioxide and UV-C Treatment on the Microbial Reduction and Color of Cherry Tomatoes

| Hyeon-Jeong Song, Dong-Won Choi, and Kyung Bin Song

**Genetics and Breeding****494** Mapping Quantitative Trait Loci for Leaf and Heading-related Traits in Chinese Cabbage (*Brassica rapa* L. ssp. *pekinensis*)

| Yu Ge, Nirala Ramchiary, Tao Wang, Cui Liang, Na Wang, Zhe Wang, Su Ryun Choi, Yong Pyo Lim, and ZhongYun Piao

**502** Internal Transcribed Spacer (ITS) and Genetic Variations in *Lilium* Native to Korea

| Sayeda Sultana, Yong Pyo Lim, Jae-Wook Bang, and Hae-Woon Choi

**Tissue Culture/Biotechnology****511** Expression of the Protective Antigen for PEDV in Transgenic Duckweed, *Lemna minor*

| Suk-Min Ko, Hyeon-Jin Sun, Myung Jin Oh, In-Ja Song, Min-Jae Kim, Hyun-Sook Sin, Chang-Hyo Goh, Yong-Woo Kim, Pyung-Ok Lim, Hyo-Yeon Lee, and Suk Weon Kim

**516** Molecular Evidence for the Interspecific Hybrid Origin of *Ilex × wandoensis*

| Young Hee Joung, Deric Picton, Jae Ok Park, and Mark S. Roh

**524** The Effects of Plant Growth Regulators, Activated Charcoal, and AgNO<sub>3</sub> on Microspore Derived Embryo Formation in Broccoli (*Brassica oleracea* L. var. *italica*)

| Haeyoung Na, Jung-Ho Kwak, and Changhoo Chun

**530** Microspore-Derived Embryo Formation in Radish (*Raphanus sativus* L.) According to Nutritional and Environmental Conditions

| Changhoo Chun, Hanyong Park, and Haeyoung Na

**Others****536** Simultaneous Determination of Luteolin and Luteoloside in Dandelions Using HPLC

| Sullim Lee, Saem Han, Hye Min Kim, Jeong Min Lee, Jongkee Kim, Chun-Geon Park, and Sanghyun Lee

**541** Comparison of Host Plants Infestation Level and Life History of Fruit Fly (*Bactrocera cucurbitae* Coquillett) on Cucurbitaceous Crops

| Md. Ruhul Amin, Tules Sarkar, and Ik-Jo Chun