

Poster Presentations

- P-1** Effect of High Carbondioxide Pressure Treatments on Postharvest Quality in Longan cv. Daw Fruit
K. Withee, and T. Pankasemsuk
- P-2** Influence of High Carbondioxide Pressure on some Biochemical changed of Longan cv. Daw Fruit
K. Withee, and T. Pankasemsuk
- P-3** Browning Alleviation of Straw Mushroom under CA Conditions
S. Jamjumroon, C. Wongs -Aree, V. Srilaong, and P. Chalermglin
- P-4** Effect of Packaging and Storage Temperature on Postharvest Behaviour in Fresh Faba Beans (*Vicia faba* L.)
V. Logegaray; D. Frezza; A. León, and A. Chiesa
- P-5** Evaluating Abscission of Sweet Basil Leaves Induced by Ethylene in MAP
C. Jirapong, N. Sriraveeroj, and C. Wongs-Aree
- P-6** Application of CO₂ Micro- and Nano-bubbles at Lower Pressure and Room Temperature to Inactivate Microorganisms in Cut Wakegi (*Allium wakegi* Araki)
F. Kobayashi, H. Ikeura, M. Tamaki, and Y. Hayata
- P-7** Modified Atmosphere Packaging of Leafy Vegetables in Cambodia and Laos
A. Acedo Jr., M. Vannady, B. Buntong, T. Chanthasombath, and C. Phommachan
- P-8** Effect of Controlled Atmosphere on the Postharvest Quality of Banana Fruit "Kluai Kai"
P. Boonyaritthongchai, T. Puthmee and S. Kanlayanarat
- P-9** Effect of Glucomanan Coating on Ripening and Quality of Papaya cv. 'Red Maradol'
T. Sopondilok, V. Srilaong, and A. Uthairatanakij
- P-10** Effect of Wrapping and Emulsion Treatments on Extending Post Harvest life of Red June Apple (*Malus pumila* Mill)
R. Kher, V.K. Wali, M. Jamwal, and P. Bakshi
- P-11** Effects of 1-Methycyclopropene on Ripening of Two Papaya (*Carica papaya* L.) Cultivars
R.A. Rosales, E.B. Esguerra, and M.M. Marcaida III
- P-12** Shelf life of Mangosteen (*Garcinia mangostana* L.) Fruit as Influenced by 1-Methylcyclopropene, Treatment Duration and Maturity
E.R.V. Bayogan, A.L.D. Apolinario, D.R.V. Delgado, and M.S. Añabesa
- P-13** Effects of Polymeric Film and Ethylene Scrubber on Shelf Life of Leafy Vegetables during Ambient and Cold Storage
A. Acedo Jr., H.T.L. Hang, N.T.T. Linh, N.T. Hanh, N.T.D. Thuy
- P-14** UV-C Treatment Delays Chlorophyll Degradation in the Bract of Dragon Fruit cv. Vietnam
L. Kowitcharaen, and V. Srilaong
- P-15** Involvement of Chlorophyllase on Chlorophyll Degradation in Stored Broccoli Florets and Its Control by UV Treatment
A. Kaosamphan, N. Yamauchi, V. Srilaong, S. Aiamla-Or, C. Wongs-Aree, and A. Uthairatanakij
- P-16** Effect of Ultraviolet-C Irradiation on Quality and Natural Microflora of Asparagus Spears
J. Poubol, I. Lichanporn, T. Puthmee, and S. Kanlayanarat

- P-17 Ultraviolet-C treatments for Spearmint Decontamination of *Salmonella* sp. and *Escherichia coli*
J. Poubol, K. Kukeeratikul, and P. Jitareerat
- P-18 Effect of UV-C Irradiation on Chlorophyll Degradation and Quality Change in Chinese Kale (*Brassica oleracea* var. *alboglabra*)
C. Burana, and V. Srilaong
- P-19 Pericarp Browning Alleviation and Maintain Postharvest Quality of Longkong (*Aglaia dookkoo* Griff.) by Using UV-C Radiation
S. Kaewsuksaeng, and C. Techavuthiporn
- P-20 Effect of UV-C Radiation on Biochemical changes of Longkong (*Aglaia dookkoo* Griff.) after harvesting
S. Kaewsuksaeng, and C. Techavuthiporn
- P-21 Effectiveness of Different Sanitizers to Control *Escherichia coli* O157:H7 on Tomato Surfaces
Y. Inatsu, Md L. Bari, D. Nei, S. Kawasaki, and S. Kawamoto
- P-22 Simple Postharvest Techniques to Control Bacterial Soft Rot of Cabbage in Cambodia, Laos, and Vietnam
A. Acedo Jr., M. Vanndy, B. Buntong, T. Chanthasombath, C. Phommachan, H.T.L. Hang, N.T.T. Linh, and N.T. Hanh
- P-23 Prediction of Total Microorganism and Coliforms in Two Types of Vegetable after Washing with Sanitizers by Using Artificial Neural Networks
S. Keeratipibul, A. Phewpan, and C. Lursinasap
- P-24 Xyloglucan and Polyuronide in the Cell Wall of Papaya Fruit during Development and Storage
S. Kondo, K. Sae-Lee, and S. Kanlayanarat
- P-25 Effect of Storage Temperature on Fruit Quality of Red Dragon Fruit (*Hylocereus polyrhizus*)
V. Punitha, A.N. Boyce, and S. Chandran
- P-26 Responses of Straw Mushroom Stored at Low Temperatures
S. Jamjumroon, C. Wongs -Aree, V. Srilaong, and P. Chalermglin
- P-27 Effects of Near-Harvest Application of Aminoethoxyvinylglycine (AVG) on Banana Fruits during Postharvest Storage
T.V. Nguyen, T.D. Chu, H.V. Le, T.V. Le, H.M. Truong, T.L.T. Le, and A.Q.T. Tong
- P-28 Phenolic Compounds, Antioxidant Activity and other Quality Related Criteria of 'Summerred' Apples as Influenced by Postharvest Storage Conditions
S.F. Remberga, S.F. Hagenad, G.I.A. Borged, E. Sandberg, W.K. Jeksrudc, and K. Haffnera
- P-29 Shelf Life of Leafy Vegetables in Simple Evaporative Coolers in Cambodia and Laos
A. Acedo Jr., M. Vanndy, B. Buntong, T. Chanthasombath, and C. Phommachan
- P-30 Effects of Postharvest Hot Water Treatment on Physiological and Biochemical Properties of Eksotika Papaya during Ripening
M. A. Arina, S. Chandran, and A. N. Boyce
- P-31 Effect of Storage Time and Relative Humidity on Transport-ability of Sweet Tamarind
N. Jaikaew, and K. Tanprasert
- P-32 Effect of Different Chemical Treatments on Shelf Life and Post Harvest Quality of Guava (*Psidium Guajava* L.) CV. L-49
S. Arti, S.R. Bhutia, K. Singh, and M. Jamwal

- P-33 Rocket (*Eruca sativa* Mill.) Quality Affected by Preharvest and Postharvest Factors
D. Frezza, V. Logegaray, A. León, M. Harris, and A. Chiesa
- P-34 Calcium Chloride Dip and Postharvest Behavior of Butterhead Lettuce Minimally Processed
A.P. León, V.R. Logegaray, D. Frezza, and A. Chiesa
- P-35 Role of Different Washing Solutions and Contact Time on the Microbial Quality of Fresh-cut Paprika
B.K. Das, and J.G. Kim
- P-36 Effects of High Pressure Treatment on Microbiological and Organoleptic Quality of Fresh-cut Vegetables
S.K. Wendakoon, H. Matsuo, H. Yamamoto, and H. Izumi
- P-37 Microbiological Quality of Fresh-Cut Cabbage Treated with Disinfectant and Stored in Active MAP
Y. Murakami, S.K. Wendakoon, R. Okumura, and H. Izumi
- P-38 Volatile Characteristics of Fresh-Cut 'Puk Mai Lie' Papaya (*Carica papaya* L.) Stored at Various Temperatures
P. Fuggate, C. Wongs-Aree and S. Noichinda
- P-39 Physiological Changes in Different Form of Fresh-cut Mango during Storage at Low Temperatures
C. Techavuthiporn, and S. Kanlayanarat
- P-40 Using of Calcium Chloride and Organic Acid to Prolong Storage Life and Postharvest Quality of Shredded Green Papaya
P. Boonyaritthongchai, T. Puthmee, and S. Kanlayanarat
- P-41 Effect of CaCl₂ and Organic Acids on Quality of Shredded Green Papaya under Controlled Atmosphere
I. Lichanporn, C. Wongs-Aree, and S. Kanlayanarat
- P-42 Effect of Chitosan and Heat Treatment on Postharvest Quality of Shredded Green Papaya
P. Boonyaritthongchai, and S. Kanlayanarat
- P-43 Effect of Chitosan and Heat Treatment on Physiological Changes of Green Papaya Shred under Controlled Atmosphere
I. Lichanporn, C. Wongs-Aree, and S. Kanlayanarat
- P-44 Maturities and Hydro-Cooling Affecting Quality of Stored Papaya Shreds
C. Wongs-Aree, C. Jirapong, and S. Kanlayanarat
- P-45 Effect of Ascorbic acid on Shelf-life and Quality of Fresh Cut 'Mahachanok' Mango
T. Puthmee, P. Boonyaritthongchai, and S. Kanlayanarat
- P-46 Responses of 'Mon-Thong' Durian Pulp to 1- MCP and Modified atmosphere
A. Uthairatanakij, T. Sudto, V. Srilaong, and C. Wong-Aree
- P-47 The Effects of 2, 5-Norbornadiene on Physiological and Biochemical Responses of Fresh-cut Winter Squash during Storage
W. Hu
- P-48 Effects of Acid Dips on Pericarp Browning and Fruit Quality of Longan Fruit during Cold Storage
W. Apai, M. Huntavee, and S. Likhitragulrung
- P-49 Using "Green Energy" and "Energy Saving Methods" in Drying of Fruits and Vegetables
T. Várszegi

- P-50 Quantification of Juiciness and Mealiness in Tomato
B. Brückner, R. Schrödter, and D. Schwarz
- P-51 Quality Evaluation of Some Local and Imported Mango Cultivars Grown in The United Arab Emirates
A.F. El-Shiekh, M.M. Rashed, and S.M. El-Shara
- P-52 Evaluating Antioxidants in Fresh Asian Vegetables and California Dates
J.S. Hughes, and C. Ganthavorn
- P-53 Non-destructive Measurement of Flavonoids in Vegetables and Fruits
S.F. Hagen, K.A. Solhaug, G.I.A. Borge, W. Bilger, and G.B. Bengtsson
- P-54 Evaluation of Antioxidant Properties in Naturally and Artificially Ripened Sugar Apple (*Annona squamosa* L.) Fruits
S. Noichinda, K. Bodhipadma, C. Wongs-Aree, R. Komkhuntod, H. Sirisukchaitavorn, P. Rachakhome, and A. U-Nat
- P-55 Construction of Genomic Library of Chokanan Mango (*Mangifera indica* L.)
Y.S. Kit, and S. Chandran
- P-56 Key Performance Indicators in Baby Corn Supply Chain in Thailand
A. Rattanachai, T. Wasusri, V. Srilaong, K. Tanprasert, and S. Kanlayanarat
- P-57 The Logistics Cost Analysis of Baby Corn in Nakhon Pathom Province
R. Aiamsarang, T. Wasusri, V. Srilaong, C. Techavuthiporn, K. Mahawongwiriya, and S. Kanlayanara
- P-58 Effect of Ozone on the Reduction of Pesticide Residue in Baby Corn (*Zea mays* L.)
K. Whangchai, W. Saetung, J. Uthaibutra, and S. Pengphol
- P-59 Storage Ascorbic Acid Contents and Radical Scavenging Activity of Persimmon Leaf Tea by Manufacturing Process
Y. Tsurunaga, C. Okishima, H. Hayashi, R. Masahiro, and Y. Takabayashi
- P-60 The Major Compounds of Crude Ginger (*Zingiber officinale* Roscoe) Extracts from Supercritical CO₂ Extraction
A. Sirichote, C Puengphian, and B. Ooraikul
- P-61 Effects of 1-MCP (1-Methylcyclopropene) and BA (Benzyl adenine) on the vase life of Iris (*Iris Sanguinea*)
J.S. Nam, I.S. Park, J.D. Chung, and K.B. Lim
- P-62 Effect of Storage with Deoxygenating Agent and Nitrogen-atmosphere Package on Quality, Especially Flavor, of Cooked Stored Rice
H. Ikeura, F. Kobayashi, Y. Narahara, K. Ohmori, Y. Hayata, and T. Itani
- P-63 Application of Chlorophyll a Fluorescence Method for Evaluation of Quality of Potted *Anthurium* and Cut Rose Flowers
B. Michalczyk, B. Borkowska, J. Treder, and D.M. Goszczyńska
- P-64 Cut *Alpinia purpurata* Pink Vase Life is Extended by Application Chitosan
Setyadjit, Erdawati and T. Ine
- P-65 Isolation and Characterization of Ethylene Related Genes during Pollination Induced Senescence of *Dendrobium* orchids
Z. Razali, S. Chandran, A.L. Lee, A.N. Boyce, and H. Nair
- P-66 The Responses of Mokara Nora 'Pink' Inflorescence to Biocide in Vase Solution
N. Sattayawong, A. Uthairatanakij, P. Jitareerat, and K. Obsuwan
- P-67 Induction of Plant Disease Defense and Growth of *Dendrobium* 'Eia Sakul' by Chitosan Treatments
S. Sakornyen, A. Uthairatanakij, and P. Jitareerat
- P-68 Optimization of the ISSR-PCR System for the Selected Cultivated Bamboos
W.L. Goh, and S. Chandran

P-69 Obtaining Genomic DNA for Construction of Genomic Library

L.K.P. Daniel, Z.X. Loo, and S. Chandran

P-70 The Characteristics of Banana Chips Agroindustry in the Production Center

Yuniarti, P. Santoso, and P.E.R. Prahardini