

## Appendix 1. Papers, presentations and student projects

### Published papers

Acedo, A.L., Gonzales, L.M., Valida, A.D., Salabao, A.A., Benitez, M.M., Sudaria, E., Rivera, F.R. and Ekman, J. (2015). Supply chain losses of vegetables in Central Philippines. *Acta Hortic.* 1103, 1-10

Barbin, K.B., Secretaria, L.B., Bayogan, E.R.V., Lacap, A.T. and Ekman, J.H. (2018). Efficacy of guava and mangosteen extracts in reducing soft rot (*Pectobacterium carotovorum*) in harvested Chinese cabbage. *Acta Hortic.* 1205, 393-400

Bayogan, E.V. and Lacap, A.T. (2017). Physicochemical quality of sweet pepper (*Capsicum annuum* 'Smooth Cayenne') treated with 1-methylcyclopropene. *Acta Hortic.* 1179, 101-106

Bayogan, E.V., Lacap, A.T. and Ekman, J.H. (2017). Quality changes in sweet pepper (*Capsicum annuum* L. 'Smooth Cayenne') under simulated retail conditions. *Acta Hortic.* 1179, 213-220

Bayogan, E.V., Salvilla, R., Majomot, A.M.C. and Acosta, J. (2017). Shelf life of two sweet pepper (*Capsicum annuum*) cultivars stored at ambient and evaporative cooling conditions. *South-western J. Hort., Biol. Envi.* 8(1), 1-15

Bayogan, E.R.V., Secretaria, L.B., Lubaton, C.D.S., Barbin, K.B., Luayon, M.S. and Ekman, J.H. (2018). Trimming losses in Chinese cabbage. *Acta Hortic.* 1205, 411-418

Benitez, M.M., Zapanta, R.J.S. and Briones, E.D. (2015). Postharvest quality and antioxidant content of organic eggplant (*Solanum melongena* L.) in modified atmosphere packaging. *Acta Hortic.* 1088, 261-266

Benitez, M.M., Valida, A., Rivera, F.R., Sudaria, M.A., Salabao, A., Sudaria, E., Acedo Jr, A., Winley, E., and Ekman, J. (2016). Effects of Polyvinyl chloride film on bitter melon quality under various storage conditions. *Asia-Pacific Journal of Food Safety and Security*, 2(2): 15-19

Li, G.Q., Gupta, M., San, A.T., Joyce, D.C., Hofman, P.J., Macnish, A.J. and Marques, J. (2016). Postharvest treatment effects on 'B74' mango fruit lenticel discolouration after irradiation. *Acta Hortic.* 1111, 385-392

Mott, K., Hofman, P.J., Joyce, D.C., Macnish, A.J. and Bhandari, B. (2017). In-transit ripening of mango fruit: concepts and considerations. *Acta Hortic.* 1183, 343-350

Rivera, F.R., Valida, A.D. and Acedo Jr., A.L. (2015). Effects of wood vinegar on tomato fruit quality and shelf life at ambient and low temperatures. *Acta Hortic.* 1088, 145-148

San, A.T., Smyth, H.E., Joyce, D.C., Webb, R., Li, G.Q., Hofman, P.J. and Macnish, A.J. (2016).  $\gamma$ -Irradiation effects on appearance and aroma of 'Kensington Pride' mango fruit. *Acta Hortic.* 1111, 393-398

San, A.T., Joyce, D.C., Hofman, P.J., Macnish, A.J., Webb, R.I., Matovic, N.J., Williams, C.M., De Voss, J.J., Wong, S.H., Smyth, H.E., (2017). Stable isotope dilution assay (SIDA) and HS-SPME-GCMS quantification of key aroma volatiles for fruit and sap of Australian mango cultivars. *Food Chemistry* 221, 613-619.

San, A.T., Webb, R.I., Joyce, D.C., Hofman, P.J., Macnish, A.J. and Smyth, H.E. (2017). Anatomy of skin disorders afflicting Australian mangoes. *Acta Hortic.* 1183, 331-336

Secretaria, L.B., Molejon, M.L.A., Bayogan, E.R.V., Lacap, A.T. and Ekman, J.H. (2018). Evaluation of various methods to break dormancy of potato (*Solanum tuberosum* L. 'Granola') minitubers. *Acta Hortic.* 1205, 401-410

Valida, A.D. and Acedo Jr., A.L. (2015). Quality of freshcut tomato and cucumber treated with probiotic lactic acid bacteria. *Acta Hortic.* 1088, 401-404

Valida, A.D. and Acedo Jr., A.L. (2015). Effects of calcium ascorbate and calcium lactate on the microbiological, physicochemical and sensory qualities of freshcut tomato and cucumber. *Acta Hortic.* 1088, 405-408

Valida, A.D. and Acedo Jr., A.L. (2015). Effects of organic acids on quality of freshcut cucumber. *Acta Hortic.* 1088, 409-412

Valida, A., Rivera, F.R., Salabao, A., Benitez, M., Sudaria, E., Acedo, A. and Ekman, J. (2018). Bitter melon (*Momordica charantia*) quality grading at two storage temperatures. *Acta Hortic.* 1213, 293-296

Valida, A., Rivera, F.R., Salabao, A., Benitez, M., Sudaria, E., Acedo, A. and Ekman, J. (2018). Tomato (*Solanum lycopersicum*) quality grading at two storage temperatures. *Acta Hortic.* 1213, 269-274

Valida, A., Rivera, F.R., Salabao, A., Benitez, M., Sudaria, E., Acedo, A. and Ekman, J. (2018). Cabbage (*Brassica oleraceae* var. *capitata*) quality grading at two storage temperatures. *Acta Hortic.* 1213, 129-134

## Papers in press/under review

Benitez, M.M., Valida, A.D., Rivera, F.R., M.M., Sudaria, Salabao, A. A., Sudaria, E. E., Acedo, A.L., Winley, E. and Ekman, J. Effects of packaging systems on eggplant quality during transport. BANWA Series B. Natural and Applied Sciences © 2015 by UP Mindanao. In press

Benitez, M.M., Valida, A.D., , Rivera, F.R., M.M., Sudaria, Salabao, A. A., Sudaria, E. E., Acedo, A.L., Winley, E. and Ekman, J. Fruit quality of grafted bitter melon with different sponge gourd rootstocks stored under evaporative condition. BANWA Series B. Natural and Applied Sciences © 2015 by UP Mindanao. In press

Lacap, A.T., Bayogan, E.V., Secretaria, L.B., Lubaton, C.D., Joyce, D.C. Responses of 'Carabao' mango to various ripening agents. Philippine Journal of Science. Under review

San, A.T., Joyce, D.C., Hofman, P.J., Macnish, A.J., Webb, R.I., Marques, J.R., Li, G. and Smyth, H.E., 2019. Diurnal Harvest Cycle and Sap Components Affect Under-Skin Browning in 'Honey Gold' Mango Fruit. Under review.

Sudaria, M.M. and R. Salas. Growth, yield, and postharvest characteristics of grafted ampalaya (*Momordica charantia* L.) using different patola (*Luffa cylindrica* L.) rootstocks. BANWA Series B. Natural and Applied Sciences © 2015 by UP Mindanao. In press

Valida, A.D., Benitez, M.M., Rivera, F.R., M.M., Sudaria, Salabao, A. A., Sudaria, E. E., Acedo, A.L., Winley, E. and Ekman, J. Postharvest quality of wood vinegar treated eggplants under various storage conditions. BANWA Series B. Natural and Applied Sciences © 2015 by UP Mindanao. In press

## Results presented at conferences

Acedo, A.L. Jr., Gonzales, L.M., Valida, A.D., Salabao, A.A., Benitez, M.M., Sudaria, E., Rivera, F.R., and Ekman, J. 2014. Supply chain losses of vegetables in Central Philippines. *In* 29th International Horticultural Congress 2014, Brisbane. (Oral presentation).

Bayogan, E.V. 2015. Postharvest quality of chitosan treated mangosteen fruit. *In* Quality Management in Postharvest Systems, Cambodia. (Poster presentation).

Bayogan, E.V. 2015. Postharvest quality of sweet pepper under simulated retail conditions. *In* Quality Management in Postharvest Systems, Cambodia. (Oral presentation).

Bayogan, E.V. 2015. Postharvest quality of sweet pepper using 1-MCP. *In* Quality Management in Postharvest Systems, Cambodia. (Poster presentation).

Bayogan, E.V., Ekman, J.H., Joyce, D.C., Lacap, A.T., Secretaria, L.B. 2015. Visual quality and bruise injury of 'Carabao' mango in Samal Island, Philippines. *In* International Conference on Agribusiness Economics Management (ICAEM 2015). (Oral presentation).

Bayogan, E.V., Lacap, A.T., Ekman, J.H. 2015. Postharvest quality of sweet pepper (*Capsicum annuum* L.) under simulated retail conditions. *In* 3rd Southeast Asia Symposium on Quality Management in Postharvest Systems. (Oral presentation).

Bayogan, E.V., Secretaria, L.B., Lacap, A., Majomot, A.M.C. 2015. Visual quality and bruise injury of 'Carabao' mango. *In* International Conference on Agribusiness Economics and Management, Davao. (Oral presentation).

Bayogan, E.V. 2016. Efficacy of guava and mangosteen extracts in reducing soft rot (*Pectobacterium carotovorum*) in harvested Chinese cabbage; Trimming losses in Chinese cabbage. *In* ISHS Int. Symposia on Tropical and Temperate Horticulture, Cairns. (Poster presentation).

Bayogan, E.V. 2016. Evaluation of various methods to break potato (*Solanum tuberosum* L. cv. Granola) minituber dormancy. *In* ISHS Int. Symposia on Tropical and Temperate Horticulture, Cairns. (Poster presentation).

Bayogan, E.V. 2016. Evaluation of various method methods to break potato (*Solanum tuberosum* L. cv. Granola) minituber dormancy; Efficacy of guava and mangosteen extracts in reducing soft rot (*Pectobacterium carotovorum*) in harvested Chinese cabbage; Trimming losses in Chinese cabbage. *In* ISHS Int. Symposia on Tropical and Temperate Horticulture, Cairns. (Poster presentations).

Bayogan, E.V. 2016. Latex volume in mango as influenced by time harvesting and delay in de-stemming. *In* International Symposium of Tropical Fruits, Davao City. (Poster presentation).

Bayogan, E.V. 2016. Response of mangoes to ripening agents, Latex volume in mango as influenced by time harvesting and delay in de-stemming, Shelf-life of rambutan cv. 'Rongrien' as influenced by 1-methylcyclopropene. *In* International Symposium of Tropical Fruits, Davao. (Poster presentations).

Bayogan, E.V. 2016. Response of mangoes to ripening agents. *In* International Symposium of Tropical Fruits, Davao City. (Poster presentation).

Bayogan, E.V. 2016. Shelf-life of rambutan cv. 'RongRien' as influenced by 1-MCP. *In* International Symposium of Tropical Fruits, Davao City. (Poster presentation).

Bayogan, E.V., Majomot, A.M.C. 2016. Shelf-life of two sweet pepper (*Capsicum annuum* L.) varieties stored at ambient and evaporative cooling conditions. *In* International Conference on Agribusiness Economics Management. (Oral presentation).

Bayogan, E.V., Salvilla, R., Majomot, A.M.C. and Acosta, J. 2016. Shelf-life of two sweet pepper (*Capsicum annuum* L.) varieties stored at ambient and evaporative cooling conditions. *In* International Conference on Agribusiness Economics and Management, Davao City. (Oral presentation).

Bayogan, E.V., Secretaria, L.B., Lubaton, C.D.S., Ekman, J.H. 2016. Response of mangoes to ripening agents. *In* International Conference on Agribusiness Economics Management. (Oral presentation).

Bayogan, E.V., Secretaria, L.B., Lubaton, C. 2017. Effect of Harvest Time, Delay in De-Stemming and Desapping Treatment on the Sap Volume and Quality of 'Carabao' Mango; Postharvest Quality of Carabao Mango as Affected by Different Bagging Materials; Response of Mangoes to Ripening Agents. *In* International Symposium on Food Security and sustainable Development. (Oral presentations).

Bayogan, E.V., Secretaria, L.B., Lubaton, C.D.S., Majomot, A.M.C., Ekman, J.H., Goldwater, A.D. 2017. Effect of harvest time, delay in de-stemming and desapping treatment on the sap volume and quality of 'Carabao' mango. *In* The International Symposium on Food Security and Sustainable Development 2017. (Oral presentation).

Benitez, M.M., Zapanta, R.J. and Briones, E.D. 2013. Postharvest quality and antioxidant content of organic eggplant (*Solanum melongena* L.) in modified atmosphere packaging. *In* 2nd Southeast Asia Symposium on Quality Management in Postharvest Systems (SEAsia2013) in conjunction with Asia Pacific Conference on Postharvest Systems Improvement for Food Security and Poverty Reduction (APC2013) at Vientiane, Lao PDR. (Oral presentation).

Benitez, M.M., Valida, A.D., Rivera, F.R., Sudaria, M.A., Salabao, A. A., Sudaria, E. E., Acedo, A.L. Jr., Winley, E. and Ekman, J. 2016. Effects of packaging systems on eggplant quality during

transport. *In* International Conference on Agribusiness and Economic Management (ICAEM) Davao City, Philippines. (Oral presentation).

Benitez, M.M., Valida, A.D., Rivera, F.R., Sudaria, M.A., Salabao, A. A., Sudaria, E. E., Acedo, A.L. Jr., Winley, E. and Ekman, J. 2016. Fruit quality of grafted bitter melon with different sponge gourd rootstocks stored under evaporative condition. *In* International Conference on Agribusiness and Economic Management (ICAEM), Davao City, Philippines. (Oral presentation).

Benitez, M.M., Valida, A.D., Rivera, F.R., Sudaria, M.A., Salabao, A. A., Sudaria, E. E., Acedo, A.L. Jr., Winley, E. and Ekman, J. 2016. Effects of modified atmosphere packaging on bitter melon quality under various storage conditions. *In* 1st International Research Colloquium (IRC), Zambales, Philippines. (Oral presentation).

Lacap, A.T., Bayogan, E.V., Secretaria, L.B., Lubaton, C.D., Joyce, D.C. 2016. Response of mangoes to ripening agents. *In* International Conference on Agribusiness Economics and Management, Davao City. (Oral presentation).

Li, G.Q., Gupta, M., San, A.T., Joyce, D.C., Hofman, P.J., Macnish, A.J., Marques, J., 2014. Post-harvest treatments effects on 'B74' mango fruit lenticel discolouration after irradiation. 2014. *In* 'XXIX International Horticultural Congress on Horticulture: Sustaining Lives, Livelihoods and Landscapes (IHC2014)', pp. 17 - 22. Brisbane, Australia. (Oral presentation)

Rivera, F.R., Valida, A.D. and Acedo, A.L. 2013. Effects of organic wood vinegar (pyroligneous acid) on quality and shelf life of tomato at ambient and low temperatures. *In* 2nd Southeast Asia Symposium on Quality Management in Postharvest Systems (SEAsia2013) in conjunction with Asia Pacific Conference on Postharvest Systems Improvement for Food Security and Poverty Reduction (APC2013) at Vientiane, Lao PDR. (Oral presentation).

San, A.T., Smyth, H.E., Joyce, D.C., Webb, R., Li, G.Q., Hofman, P.J., Macnish, A.J., 2014. Mango quality and skin disorders. *In* 'QAAFI Annual Research Meeting', Brisbane, Australia. (Poster presentation).

San, A.T., Smyth, H.E., Joyce, D.C., Webb, R., Li, G.Q., Hofman, P.J., Macnish, A.J., 2014.  $\gamma$ -Irradiation effects on appearance and aroma of 'Kensington Pride' mango fruit. *In* 'XXIX International Horticultural Congress on Horticulture: Sustaining Lives, Livelihoods and Landscapes (IHC2014)', Brisbane, Australia. (Oral presentation)

San, A.T., Webb, R., Joyce, D.C., Hofman, P.J., Macnish, A.J., and Smyth, H.E., 2015. Anatomy of skin disorders afflicting Australian mango fruit. *In* XI International Mango Symposium. (Poster presentation).

San, A.T., Webb, R., Smyth, H.E., Joyce, D., Hofman, P., Macnish, A.J., 2015. A convenient sample preparation protocol for scanning electron microscope examination of mango skin disorders. 2015. *In* 'Tropical Agricultural Conference 2015', pp. 65 - 66 Brisbane, Australia. (Poster presentation).

Secretaria, L.B., Lubaton, C.D.S., Bayogan, E.V., Ekman, J.H. 2017. Postharvest quality of 'Carabao' mango as affected by different bagging materials. *In* The International Symposium on Food Security and Sustainable Development 2017. (Oral presentation).

Sudaria, M.A. and Salas, R.A. 2016. Growth, yield, and postharvest characteristics of grafted ampalaya (*Momordica charantia* L.) using different patola (*Luffa cylindrica* L.) rootstocks. *In* International Conference on Agribusiness and Economic Management (ICAEM), Davao City, Philippines. (Oral presentation).

Valida, A. D. and Acedo, A. L. 2013. Effects of calcium ascorbate and calcium lactate on the microbiological, physicochemical and sensory qualities of freshcut tomato and cucumber. *In* 2nd Southeast Asia Symposium on Quality Management in Postharvest Systems (SEAsia2013) in conjunction with Asia Pacific Conference on Postharvest Systems Improvement for Food Security and Poverty Reduction Vientiane, Lao PDR. (Oral presentation).

Valida, A.D. and Acedo, A.L. 2013. Effects of organic acids on quality of freshcut cucumber. *In* 2nd Southeast Asia Symposium on Quality Management in Postharvest Systems (SEAsia2013) in conjunction with Asia Pacific Conference on Postharvest Systems Improvement for Food Security and Poverty Reduction, Vientiane, Lao PDR, 4-6 Dec 2013. (Oral presentation).

Valida, A.D., Acedo, A.L. 2013. Quality of freshcut tomato and cucumber treated with probiotic lactic acid bacteria. *In* 2nd Southeast Asia Symposium on Quality Management in Postharvest Systems (SEAsia2013) in conjunction with Asia Pacific Conference on Postharvest Systems Improvement for Food Security and Poverty Reduction (APC2013) at Vientiane, Lao PDR. (Oral presentation).

Valida, A.D., Rivera, F.R., Salabao, A. A., Benitez, M.M., Sudaria, E. E., Acedo, A.L. Jr. and Ekman, J. 2014. Bitter gourd (*Momordica charantia*) quality grading at two storage temperatures. *In* 3rd Asia Pacific Symposium on Postharvest Research, Education and Extension, Ho Chi Minh City, Vietnam. (Oral presentation).

Valida, A.D., Rivera, F.R., Salabao, A. A., Benitez, M.M., Sudaria, E. E., Acedo, A.L. Jr. and Ekman, J. 2014. Cabbage (*Brassica oleraceae* var capitata) quality grading at two storage temperatures. *In* The 3rd Asia Pacific Symposium on Postharvest Research, Education and Extension, Ho Chi Minh City. (Oral presentation).

Valida, A.D., Rivera, F.R., Salabao, A. A., Benitez, M.M., Sudaria, E. E., Acedo, A.L. Jr. and Ekman, J. 2014. Eggplant (*Solanum lycopersicum*) quality grading at two storage temperatures. *In* The 3rd Asia Pacific Symposium on Postharvest Research, Education and Extension, Victoria, Plaza, Ho Chi Minh City. (Oral presentation).

Valida, A.D., Rivera, F.R., Salabao, A. A., Benitez, M.M., Sudaria, E. E., Acedo, A.L. Jr. and Ekman, J. 2014. Tomato (*Solanum lycopersicum*) quality grading at two storage temperatures. *In* 3rd Asia Pacific Symposium on Postharvest Research, Education and Extension, Ho Chi Minh City. (Oral presentation).

Valida, A.D., Benitez, M.M., Rivera, F.R., Sudaria, M.A., Salabao, A. A., Sudaria, E. E., Acedo, A.L. Jr., Winley, E. and Ekman, J. 2016. Postharvest quality of wood vinegar treated eggplants under various storage conditions. *In* International Conference on Agribusiness and Economic Management (ICAEM), Davao City, Philippines. (Oral presentation).

### Student theses

| Name                      | Course | Year graduated | Thesis title  |
|---------------------------|--------|----------------|---|
| Chikki Aurea V. Fernandez | BSFT   | 2015           | Effect of Potassium Permanganate on Postharvest Quality of Bitter Gourd ( <i>Momordica charantia</i> L.) Fruit  |
| Kristine Joy L. Abrea     | BSFT   | 2015           | Postharvest Quality of Eggplant ( <i>Solanum melongena</i> cv. Banate King F1) Fruit Treated With 1-Methylcyclopropene  |
| Kenson C. Troyo           | BSFT   | 2015           | Some Postharvest Characteristics of Santol ( <i>Sandoricum koetjape</i> ) Fruit Treated with 1-Methylcyclopropene (2015 Best Undergraduate Thesis in Food Technology)   |
| Janine C. Castro          | BSFT   | 2015           | Shelf Life of Rambutan ( <i>Nephelium lappaceum</i> L.) Fruit cv. Rongrein as Influenced by 1-Methylcyclopropene  |
| Felice Dominique B. Albay | BSFT   | 2015           | Postharvest Characteristics of Mangosteen ( <i>Garcinia mangostana</i> L.) Fruit as Influenced by Chitosan  |
| Marbie A. Alpos           | BSFT   | 2015           | Effects of Chitosan Coating on Postharvest Quality of Sweet Pepper ( <i>Capsicum annuum</i> L.)<br><br>Ms. Alpos taught at UP Mindanao for one year. She presented her research in The Inaugural Lectures: Knowledge X Change (TED Talk-style), UP Mindanao, 30 August 2017 |
| Abbie Glenn M. Estrobillo | BSFT   | 2015           | Influence of Bruising on Postharvest Characteristics of Two Cultivars of Tomato ( <i>Solanum lycopersicum</i> L.)   |
| Connie Ann M. Villamor    | BSFT   | 2016           | Antioxidant and Ripening of Bruised Tomato ( <i>Solanum lycopersicum</i> cv. Diamante Max) held in Ambient Conditions   |

| Name                      | Course | Year graduated | Thesis title   |
|---------------------------|--------|----------------|--|
| Phoebe Grace S. Cansino   | BSFT   | 2016           | Effect of Potassium Permanganate on Ripening and Postharvest Characteristics of Tomato ( <i>Solanum lycopersicum</i> cv. Diamante Max).  |
| Jamaica N. Meralles       | BSFT   | 2016           | Effect of 1-Methylcyclopropene on Ascorbic Acid Content and Postharvest Quality of Bitter Gourd ( <i>Momordica charantia</i> L.) Fruit.  |
| Vanessa Jean S. Duerme    | BSFT   | 2016           | Influence of Bruising on the Antioxidant Content and Postharvest Characteristics of Tomato ( <i>Solanum lycopersicum</i> ) Stored in Low Temperature   |
| Maria Victoria O. Pasilan | BSFT   | 2016           | Effect of Rapid Hot Water Treatment on the Postharvest Quality and Shelf Life of Philippine 'Carabao' Mango ( <i>Mangifera indica</i> L.) (3 <sup>rd</sup> Place, 2016 Best Poster in Food Technology) |
| Leizel Joy L. Gaogao      | BSFT   | 2016           | Chilling Injury in Eggplant ( <i>Solanum melongena</i> L.) Stored in a Refrigerated Cabinet  |
| Neal Reggie Micabani      | BSFT   | 2016           | Effect of Salicylic Acid and Hot Water Spray Treatments on Some Postharvest Characteristics of Sweet Pepper ( <i>Capsicum annuum</i> L.)   |
| Maria Theresa A. Elizaga  | BSB    | 2016           | Physicochemical Characteristics of 'Carabao' Mango ( <i>Mangifera indica</i> L.) at Various Stages of Harvest Maturity   |
| Nykka Theresa C. Sara     | BSB    | 2016           | Improving Shelf Life of Tomato ( <i>Solanum lycopersicum</i> L.) using Washing Agents  |
| Khristine B. Barbin       | BSB    | 2016           | Efficacy of Guava and Mangosteen Extracts in Reducing Soft Rot ( <i>Pectobacterium carotovorum</i> ) in Harvested Chinese Cabbage ( <i>Brassica rapa</i> )   |
| Jan Pauline I. Geyrozaga  | BSB    | 2016           | Physicochemical Changes of Eggplant Fruit ( <i>Solanum melongena</i> L.) as Affected by Simulated Postharvest Bruising and Compression Damage  |

| Name                       | Course | Year graduated | Thesis title  |
|----------------------------|--------|----------------|---|
| Christianne Loi U. Ledesma | BSB    | 2016           | Postharvest Quality of Two Eggplant ( <i>Solanum melongena</i> L.) Cultivars as Influenced by Ambient and Evaporative Cooling Conditions                            |
| Maria Lorena A. Molejon    | BSB    | 2016           | Breaking Tuber Dormancy of Potato ( <i>Solanum tuberosum</i> L. cv. Granola).   |
| Daisic D. Bello            | BSFT   | 2017           | Effect of 1-Methylcyclopropene on Ripening and Postharvest Characteristics of Green and Breaker Tomatoes ( <i>Solanum lycopersicum</i> cv. Diamante Max)            |
| Deborah S. Naciongayo      | BSCS   | 2017           | Determining 'Carabao' Mango Ripeness Stage using Canny Edge Detection Algorithm for Image Processing and $L^*a^*b^*$ Color Value Extraction Using Neural Networks   |
| Mary Grace C. Galela       | BSCS   | 2017           | Determining 'Carabao' Mango Ripeness Stage using Sobel Detection Algorithm for Image Processing and $L^*a^*b^*$ Color Value Extraction of Matlab Software           |
| Czaryl P. Dioquino         | BSCS   | 2017           | Determining 'Carabao' Mango Ripeness Stage using Laplaciano of Gaussian Detection Algorithm and Color Value Extraction of Opencv                                    |
| Eunagene T. Tripoli        | BSB    | 2017           | Latex Production of 'Carabao' Mango ( <i>Mangifera indica</i> ) as Influenced by Time of Harvest, Length of Pedicel and Desapping Treatment                         |
| Beryl D. Encabo            | BSB    | 2017           | Quality Maintenance of Chayote [ <i>Sechium edule</i> (Jacq.) Sw.] Fruit at Ambient Conditions using 1-Methylcyclopropene and Passive Modified Atmosphere Packaging |
| Gabriel G. Panimdim        | BSB    | 2017           | Sprouting of Chayote [ <i>Sechium edule</i> (Jacq.) Sw.] Fruit as Influenced by Fruit Size, Ethephon and Gibberellic Acid   |
| Daisy M. Awit              | BSB    | 2018           | Response of 'Cardava' Banana ( <i>Musa acuminata</i> x <i>balbisiana</i> L. var. Cardava) to Various Ripening Agents  |

| Name                     | Course | Year graduated | Thesis title  |
|--------------------------|--------|----------------|---|
| Maverick Grace C. Guinid | BSB    | 2018           | Shelf Life and Physico-chemical Quality of 'Saba' Banana ( <i>Musa acuminata</i> x <i>balbisiana</i> L. var. Saba) Treated with Gibberellic Acid at Ambient Temperature |
| Mely Mariz S. Amargo     | BSFT   | 2018           | Response of Banana ( <i>Musa acuminata</i> cv. Lacatan) to 1-Methylcyclopropene as Influenced by Fruit Position in the Bunch  |
| Anh Tram San             | PhD    | 2017           | Lenticel discolouration, under-skin browning and resin canal disorder in Australian mango fruit cultivars   |