



UV Application on Post Harvest Quality of Baby Corn during Distribution
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Abstract- This study considered the effect of type of Ultraviolet(UV) light on quality of baby corn during distribution. Baby corn were packed on polyvinyl chloride (PVC) trays in the amount of 100 gram/tray. They were put in low density polyethylene (LDPE) bags and were then placed on the shelf at 5°C under different conditions of UV exposure at 2 kJ/m² for 5 minutes per day. The sample was experimented under four different conditions: 1) no UV exposure (control), 2) UV-A exposure (UV-A), 3) UV-B exposure (UV-B), and 4) UV-C exposure (UV-C). All treatments were exposed to fluorescent lights for 12 hours per day for simulating shelf life conditions. The results of experiment showed that Baby corn exposed UV of all treatments had higher score on firmness, lightness (L*), yellow color (b*), and total soluble solids (TSS) than control.

Biography- Panumas Kotepong is currently working as a senior scientist at the Department of Agriculture, Thailand. He has received his Ph.D. on horticulture from Kasetsart University, Thailand and postdoctoral studies on plant biology from Lincoln University, New Zealand. He has authored several publications in various journals and books. His publications reflect his research interests in



6. Publication of speakers:

1. Anthocyanin accumulation and differential gene expression in wild-type and mutant *Syzygium malaccense* fruits during their growth and ripening
2. A white mutant of Malay apple fruit (*Syzygium malaccense*) lacks transcript expression and activity for the last enzyme of anthocyanin synthesis, and the normal expression of a MYB transcription factor.
3. Isolation and expression analysis of anthocyanin biosynthetic genes in *Morus alba* L
4. Identification and Characterization of Genes Involved in the Fruit Color Development of European Plum
5. UV Application on Post Harvest Quality of Baby Corn during Distribution

7. [14th International Conference on Agriculture and Plant Science, June 22-23, 2020, Sydney, Australia](#)

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