

Title Estimation of nutritional quality in different leaves of cabbage
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Citation Book of abstracts, APS2010 & SEAsia2010 & GMS2010, August 2-4, 2010, Radisson Hotel, Bangkok, Thailand
Keyword Cabbage; quality; vegetable

Abstract

Cabbage is one of the most important vegetable in the world market. It is also enrich of nutritional that have a benefit to human health. The cabbage head comprise with many leaves. We hypothesis that a different part of cabbage leaf has different nutritional content. The cabbage head were harvested from Phu-Tub-Berg area, petchaboon province, Thailand then transport to laboratory immediately. The cabbage head were carefully separated into individual leaves by hand and then quantify the nutritional contents and quality. The contents of chlorophyll, carotenoid, vitamin C and total soluble solids (TSS) in various leaves of cabbage were examined. The result found that chlorophyll, carotenoid vitamin C and TSS contents were differed among inner, middle and outer leaves. The contents of chlorophyll, carotenoid and vitamin C in outer leaves (L1-L3) of cabbage head were higher than that of middle leaves (L4-L10 and L11-L17) and inner leaves (L18-L24), respectively. In contrast, the TSS of inner leaves was higher than that of outer leaves.