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## Effect of High Electric Field on Shelf Life of Strawbe

Ganga P. KHAREL<sup>1)</sup> and Fumio HASHINAGA<sup>1)</sup>

1) Faculty of Agriculture, Kagoshima University

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An effort was made to elongate the shelf life of strawberries by the alternating current (60 Hz) high electric field (HEF). An internal vo was measured in a strawberry by applying a 430 kV/m external ele treatment periods (0.5-1.5 h) with the HEF (430 kV/m) was found the strawberries, but continuous HEF treatment was more effective Because continuous HEF treatment without packaging caused exce strawberries were packed in polyethylene trays (OPS, P-11) and c The HEF was then continuously applied to the strawberries. Straw continuous HEF for 6 days at 20°C and by electric fields of 0, 114 kV/m resulted in 80, 60, 50, 30 and 0% rotted samples, respective observed in surface color, pH, acidity and sugar contents between

samples.

Keywords: strawberries, shelf life, high electric field

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