

Title Kinetics of apricot fruit ethylene production in the orchard and post-harvest: a mathematical modelling approach

Authors M. Grotte, B. Gouble, P. Reling, G. Clauzel, J.M. Audergon

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Abstract

Ethylene production of apricot cultivars expressing a wide variability in ripening duration was studied during ripening on the tree and during post-harvest in air at 23°C. Regression equations were set up to predict ethylene production, expressed as neperian logarithm, from the sum of degree-days from flowering. The same equations fitted all the studied cultivars.