

Title Role of ethylene in the biosynthetic pathways of aroma volatiles in ripening fruit
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Abstract

During the past decade, fruit aroma biosynthetic pathways were established in some climacteric fruits, such as tomato, apple, and melon. Inhibition of ethylene biosynthesis or its action in these fruits can reduce the production of fruit volatiles. Furthermore, ethylene partially regulates expression of a few important enzyme genes in fruit volatile biosynthetic pathways. The aim of this review is to bring together recent advances for understanding the regulatory role of ethylene in the biosynthesis of aroma volatiles in some fruits.