

园艺与食品科学

早钟6号枇杷果实发育研究 II .果形、干重变化动态及溶质的需求与分配

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摘要 对早钟6号枇杷果实发育过程中果形和果肉、果核的干物质变化动态及溶质的需求和分配进行了研究。结果表明: 中花果形以长椭圆形为主, 晚花果形以近圆形为主; 在果实发育初期和后期果肉溶质的积累高于果核, 而果实发育中期则以果核积累溶质为主; 果实成熟时果肉、果核干重均达到最高值; 肥料的最大效益期在花后60~150d。

关键词 [枇杷](#); [果形](#)、[干物质动态变化](#); [溶质需求与分配](#)

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Studies on Fruit Development of 'Zaozhong NO.6' Loquat II .Dynamic Changes of Fruit Shape and Dry Weight, the Requirement and Distribution of Soluble Content in Fruits

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Abstract

In order to explore the fruit development of 'Zaozhong NO.6' loquat, the dynamic changes of fruit shape and soluble content, as well as the requirement and distribution of soluble content of fruit were researched. The results showed that, the fruit of metaphase flower was mostly long disciform and fruit of terminal flower was mostly spheroidal. The major accumulation period of soluble content in flesh was initial and later stages, while the major accumulation period of soluble content in seed was metaphase. The accumulation of flesh and seed was harmonious. The accumulation of dry weight in flesh and seed both reached peak in ripening stage. The max benefit period of fertilizer was day 60 to 150 after flowering.

Key words ['Zaozhong NO.6'loquat](#) [fruit shape and dry weight dynamic change](#) [requirement and distribution](#)

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