

园艺园林科学

传统套袋工艺对砂梨果实品质的影响

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摘要:

为评价传统砂梨果实套袋工艺的效果, 以现代套袋技术为对照, 研究箬叶袋对翠冠、雪青、圆黄和蒲瓜梨果实外观和内在品质的影响。结果表明: 4个砂梨品种箬叶袋套袋后果实呈黄褐色, 果面覆盖较多的褐色锈斑, 严重影响翠冠、雪青和圆黄等现代砂梨品种的果实外观品质和商品性, 但改善了蒲瓜梨的外观品质。与现代套袋技术相比, 箬叶袋套袋有利于圆黄和雪青果实内在品质的提高, 却降低了翠冠和蒲瓜梨的内在品质。总体而言, 箬叶袋套袋只能满足单纯的虫害防治, 缺乏现代套袋技术对提高果实外观品质的功能需要, 因此不适宜于现代砂梨品种的生产。

关键词: 箬叶; 套袋; 砂梨; 品质

Effects of Traditional Bagging on Fruit Quality of *Pyrus Pyrifolia*

Abstract:

For evaluating the traditional bagging effect of *pyrus pyrifolia*, 'Cuiguan', 'Xueqing', 'Wonwhang' and 'Pogua' pear were chosen for studying the effect of indocalamus bagging on fruit skin features and inner quality by contrasting modern bagging. Results showed that, through indocalamus bagging four *pyrus pyrifolia* varieties had fruit russet, were covered with many brown rust spots, the fruit quality and commercial appearance of 'Cuiguan', 'Xueqing', 'Wonwhang' had been severely affected, however, 'Pogua' pear was improved the appearance quality. Compered to the modern technology bagging, Indocalamus bagging is in favor of improving the inner quality with 'Wonwhang' and 'Xueqing', but reduced the inner quality of 'Cuiguan' and 'Pogua' pear. Overall, Indocalamus bagging can only control simple pests, lacking the functional need to improve the bagged fruit skin features of modern technology, therefore, it is unsuitable for *pyrus pyrifolia* varieties in modern producing.

Keywords:

收稿日期 2009-01-09 修回日期 2009-03-04 网络版发布日期 2009-09-05

DOI:

基金项目:

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