

食品科学

采收时期对鲜食糯玉米品质和产量的影响

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摘要:

以国审郑白糯918糯玉米品种为研究对象,分3个采收时期研究了采收时期不同对糯玉米品质和产量的影响。研究表明:采收时期不同,对鲜食糯玉米籽粒主要营养组分含量和微量元素含量影响较大,对鲜穗产量影响较小。粗蛋白含量随着采收时期的推迟含量先下降后上升,总体表现为降低;粗脂肪和粗淀粉含量是随着授粉天数的增加而逐渐增加;赖氨酸含量和可溶性总糖的含量随着采收期的推迟逐渐降低;铁含量随着采收期推迟含量先上升后下降;镁含量随着采收期推迟含量先下降后上升,总体表现为下降;钙含量随着采收期的推迟逐渐降低。

关键词: 鲜食糯玉米;采收时期;品质;产量

Effect of Harvesting Time to Yield and Quality of Fresh-eating Waxy corn

Abstract:

The quality and yield of GS Zhengbainuo918 were studied at different harvest times for three times. The results showed that harvest time had a significant effect on the content of the main nutritional component and trace element, but little on yield for fresh. As harvest times put off, crude protein content was declined form 20 to 23 days after pollinated, and then increased and the total performance was decrease. On the contrary, iron content with delayed harvest time content increased at first, then dropped. And the overall trend was increased .Crude fat and starch content were increased gradually with putting off the time of harvesting. Lysine and total soluble sugar and calcium content were just the opposite. Magnesium content a descent trend followed by a ascent stage and the total performance was decrease.

Keywords: Fresh-eating waxy corn Harvest time Quality Yield

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