

专论

自然生长状态下贮藏甜高粱的研究

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摘要:

以晋甜2号为材料,对自然生长状态下贮藏甜高粱进行研究。结果表明,随着贮藏时间的延长,甜高粱茎秆重量、出汁率和总糖量逐步下降,茎汁含糖量逐步增加,气候因素对甜高粱田间自然贮藏的影响极大。在我国北方,如果秋末冬初,气温快速下降至枯霜冻,甜高粱茎秆可以在田间自然冷冻贮藏,直到来年2月上旬平均气温回升到0℃以上为止。在此期间,加工企业可随加工进度,到田间按需收割,从而减少贮藏空间和成本。

关键词: 甜高粱 自然生长状态 贮藏

Studies on Storing Sweet Sorghum Grown under Natural Environment

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Abstract:

Taking Jintian No. 2 as material, this paper studies the storage of sweet sorghum grown under natural environment. The results demonstrated that the stalk weight, juice rate and general sugar amount descended gradually, while the sugar content of stalk juice increased gradually when the storage duration was prolonged. Climatic factor has significant influence on sweet sorghum naturally stored in the fields. In northern China, if the temperature quickly dropped to blight frost at late autumn and early winter, sweet sorghum stalk could be stored in the fields with natural frozen condition until early February next year when the average temperature rises above 0℃. During this period, the processing enterprises could harvest in the fields according to the demands of processing procedure, thus to reduce the storage space and production cost.

Keywords: sweet sorghum grown under natural environment storage

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