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植物生产层

甜高粱品种在西宁地区的比较试验

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摘要:

本试验选择不同甜高粱(*Sorghum dochna*)品种进行引种试验, 以选择适合西宁地区种植的、具有较高的生物产量和茎秆含糖量的品种。通过对各品种生育期、农艺性状、生物产量和含糖量的观察, 九甜杂三、吉甜5号和超级放牧者表现良好, 茎叶产量5 832.9~6 846.0 kg·666.7 m⁻², 茎秆含糖量12.16%~16.39%。尤其是九甜杂三综合优势突出, 可作为西宁地区种植饲用甜高粱的首选品种。

关键词: 甜高粱; 引种; 品比试验; 茎叶产量; 糖锤度

Suitability of eight varieties of sweet sorghum in Xining region

FENG Hai sheng, LI Chun xi, BAI Sheng gui, PENG Zhong shan, LI Yong ren

Abstract:

A field experiment was conducted to select the suitable varieties with the higher biomass and saccharinity in stems from introduced eight varieties of sweet sorghum by comparing the growth period, agronomic characteristics, biomass and saccharinity. This study showed that Jiutianzasan, Jitian No.5 and Super herder performed well and their yield (stem and leave) ranged from 5 832.9 kg·666.7 m⁻² to 6 846.0 kg·666.7 m⁻². The sugar content in stem and leave was 12.16% to 16.39%. This study suggested that Jiutianzasan was optimal varieties among eight varieties of sweet sorghum for forage production in the Xining region.

Keywords: weet sorghum introduction comparative test biomass of stem and leaf sugar content

收稿日期 修回日期 网络版发布日期

DOI:

基金项目:

通讯作者:

作者简介:

作者Email:

参考文献:

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