

苇状羊茅生产特性品比试验

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摘要:

选育出的黔草2号苇状羊茅*Festuca arundinacea* Qiancao No.2与生产上推广进口品种法恩*F.arundinacea* Fawn相比,表现出植株高大,生长迅速,最高生长可达2.46 cm/d。整个生育期内,其植株高度均明显高于法恩,最高可达155 cm,较对照法恩和野生苇状羊茅*F.arundinacea* wild breed高40和35 cm;产草量高,年产量可达21.59~27.78 t/hm²,比对照法恩(14~40 t/hm²)增产50.98%~65.16%,比野生苇状羊茅(18.81~24.00 t/hm²)增产14.78%~26.18%;种子产量较高,平均产量达1 022.5 kg/hm²,比野生苇状羊茅增产14.80%~26.26%,比法恩增产30.77%~111.11%。表现出显著的栽培利用价值。结果表明,黔草2号苇状羊茅是贵州省中南部地区人工草地建植的理想禾本科牧草新品种。

关键词: 苇状羊茅; 品种; 株高; 产量

Comparison test on the production properties of two fescue cultivars

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Abstract:

The comparison test on the production properties of two fescue cultivars, *Festuca arundinacea* cv. Qiancao No.2 and *F. arundinacea* cv. Fawn, was conducted. The result indicated that the growth velocity of Qiancao No.2 was 2.46 cm/day, faster than that of Fawn and the wild breed. During the whole growth period, the height of Qiancao No.2 (155 cm) was significantly higher than Fawn (110 cm) and the wild breed (120 cm). The dry matter yield of Qiancao No.2 was 21.59 tons/hm² to 27.78 tons/hm², which were 50.98% to 65.16% and 14.78% to 26.18% higher than Fawn and the wild breed. The average seed yield of Qiancao No.2 was 1 022.5 kg/hm², which was 30.77% to 111.11% and 14.80% to 26.26% higher than Fawn and the wild breed. In conclusion, Qiancao No.2 was suitable for establishing the sown grassland in the middle and south parts of Guizhou.

Keywords: fescue cultivar plant height yield

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