

农业生态与环境科学

## 元谋干热河谷区热带优良牧草柱花草引种试验<sup>\*</sup>

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**摘要** 通过对60个柱花草种质材料引种试验, 参照层次分析法综合分析了60个柱花草长势、抗旱、抗寒、产量特性及品质特性。结果表明: CIAT1044(2) 柱花草、TPRC90105柱花草、CIAT1363(2)柱花草、TPRC90005柱花草、TPRC90037(2) 柱花草、有毛L7柱花草、GC1578柱花草、TPRC L8柱花草、L1 (90096)柱花草、R93柱花草、GC1524EMBRAPA柱花草和热研2号柱花草居前10位, 抗寒及抗旱性强, 产量高, 长势好, 品质优良, 可在云南干热河谷区推广应用。

**关键词** [柱花草](#) [引种试验](#) [元谋干热河谷](#)

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## Introduction Experiment of *Stylosanthes guianensis* of Tropical High Quality Grazing in the Arid-hot Valley of Yuanmou

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### Abstract

The characteristics of cold and drought resistance, growing speed, yield and quality of 60 varieties of *Stylosanthes guianensis* were comprehensively evaluated in the light of the Analytic Hierarchy Process based on the introduction trials. The results showed that *Stylosanthes guianensis* CIAT1044(2), *St. guianensis* TPRC90105, *St. guianensis* TPRC90074(3), *St. guianensis* TPRC90005, *St. guianensis* TPRC90037(2), *St. guianensis* TPRC90134(2), *St. gianensis* GC1578, *St. gianensis* TPRC L8, *St. gianensis* TPRC L1, *St. gianensis* TPRC R93, *St. guianensis* GC1524EMBRAPA and *St. gianensis* cv. Reyan No: 2, this 10 varieties had strong cold and drought resistance, high yield and fine quality, fast growing speed and could extended in the arid-hot valleys of Yunnan.

**Key words** [Stylosanthes guianensis](#) [introduction experiment](#) [arid-hot valleys of Yuanmou](#)

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