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后生物生产层

牧草菊苣及其利用潜力II利用价值和开发潜力

王俭珍, 崔 健

摘要:

菊苣Cichorium intybus是菊科菊苣属多年生宿根植物。作为一种高产优质的牧草, 菊苣已在世界上许多国家广泛栽培利用。作为青鲜牧草饲用, 其综合营养价值高, 如粗蛋白、粗脂肪、粗纤维、无氮浸出物和粗灰分含量等指标都优于苜蓿Medicago sativa, 此外牧草菊苣富含矿物质, 适口性好, 消化率高, 利用期长, 并且具有适应性广, 产草量高, 易于栽培管理等优势, 可用于建立高产人工割草场和放牧场。除了作为优良牧草利用外, 菊苣亦可用作天然产物提取等深加工利用, 例如, 药品、饮料、功能性食品和饲料添加剂等方面具有较大潜力。

关键词: 牧草; 菊苣; 利用价值; 开发潜力

Use potential of a forage chicory: II utilization value and exploitive potential

WANG Quan-Zhen, CUI Jian

Abstract:

Chicory (Cichorium intybus) is a perennial herb. It has been planted in most of countries in the world because it has high yield and excellent nutrients for livestock as forage. Its nutrition value in fresh is higher than alfalfa in crude protein, crude lipid, crude fiber, nitrogen free extract and ash. It takes advantages in strong tolerances to environmental stresses, long persistence, high productivity, rich mineral composition, and easy digestion. Therefore, it is used to establish pastures for harvesting foliage or grazing. In addition, it has wide use potential in medicine, beverage, food with special functions, and feed additive as it contains some natural substance.

Keywords: forage; chicory; nutritive value; exploitive potential

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