

植物生产层

牧草种质资源中心库库存资源经济价值多样性

南丽丽, 贡旭疆, 李晓芳, 郭全恩, 师尚礼

摘要:

至2006年底, 国家牧草种质资源中心库已入库保存67科411属1 000种9 593份种质材料, 并以禾本科、豆科、菊科为主。入库材料按其经济用途分为5大类, 即饲用植物、食用植物、药用植物、工用植物和境用植物。在中心库饲用资源中, 优等牧草199种, 占入库总数的19.9%; 良等156种, 占入库总数的15.6%; 中等183种, 占入库总数的18.3%; 低等23种, 占入库总数的2.3%; 劣等4种, 占入库总数的0.4%; 有毒植物22种, 有害植物10种。中心库中的食用植物共29科73属114种, 分别占中心库科、属和种总数的42.38%、17.76%和11.4%。中心库中具有药用价值的牧草种质资源有57科207属310种, 分别占中心库科、属和种总数的85.07%、50.36%和31%。中心库中牧草的工用价值包括纤维植物和树脂、橡胶植物。中心库中境用植物有固沙植物28种、水土保持植物28种, 绿肥植物38种, 美化植物中草坪植物64种, 观赏植物53种。

关键词: 中心库; 牧草种质资源; 经济价值; 多样性

Economic value diversity of forage germplasm resources in the centre pool of China

Abstract:

The centre pool of state forage germplasm resources centre collected 9593 shares of forage germplasm resources from 1998 to 2006, and these shares belonged to 67 families, 411 genera, and 1000 species. According to their economic value, these materials were classified into feeding, food, medical, industrial and environmental plants. In the centre pool, excellent forages, good forages, fair forages, low forages and poor forages were 199, 156, 183, 23 and 4 species, and they occupied 19.9%, 15.6%, 18.3%, 2.3% and 0.4% of total species, respectively. 22 species are poisonous plants and 10 species are harmful plants. 114 species belonging to 73 genera and 29 families were food plants, occupying 42.38% of total families, 17.76% of total genera, 11.4% of total species, respectively. 310 species belonging to 207 genera and 57 families are medical plants, and they occupied 85.07% of total families, 50.36% of total genera, and 31% total species, respectively. Industrial plants included fiber, resin and rubber. Among environmental plants, fixing sand plants, soil erosion plant, green manure plants, lawn plants and ornamental plants were 28, 28, 38, 64, and 53 species, respectively.

Keywords: centre pool forage germplasm resources economic value diversity

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