

BUTTERFLY PEA

Clitoria ternatea

Fabaceae

ECHO® 植株信息表

描述

Clitoria ternatea is a climbing, vining, tropical legume. Leaves are pinnately compound, each bearing 5-7 leaflets. Flowers occur in singles or pairs, are 4 cm wide, and are colored deep blue or solid white. These give way to pubescent, flat pods, that, upon maturation, dehisce (split and burst open) violently, dispersing seed widely.

用途

C. ternatea is a highly palatable, protein-rich forage crop for livestock. It can be fed fresh, or dried and stored as hay fodder. *C. ternatea* also serves as a green manure cover crop, fixing atmospheric nitrogen and building soil quality over time. Commonly, *C. ternatea* is utilized as an ornamental in home gardens and along farm structures.

通用名称

- 英语
 - Butterfly Pea
 - Kordofan Pea
 - Blue Pea
 - Asian Pigeon Wings
- 西班牙语
 - Azulejo
 - campanita morada
 - conchita azul
 - Diego
 - papito

栽培

- **Elevation** – up to 1800 m
- **Rainfall** – 400-4300 mm/year
- **Soil Types** – pH 4.5-9; prefers well-drained soils
- **Temperature Range** – 15-32°C
- **Day Length Sensitivity** – none
- **Light** – prefers full sun

C. ternatea can be directly broadcast as a stand-alone forage at 12-15 kg/ha, or in association with other forage species. If utilized in a forage bank, row spacing should be 15-50 cm between-row. *C. ternatea* quickly colonizes disturbed areas; exercise caution in planting it where it could cause unwanted displacement of existing vegetation.

收获和种子生产

As a forage species, *C. ternatea* is quick to establish and mature, and as such, grazing can begin sooner for this species than many other leguminous crops. It is tolerant of relatively heavy rotational grazing. Seeds should be mechanically scarified. If scarification is not possible, then increase seeding rates accordingly.

病虫害

Cercospora spp., *Rhizoctonia* spp., and other fungal leaf diseases are of minor concern. Pests include caterpillars and grasshopper, as well as root knot nematode.

烹饪与营养

In some cultures, young pods are eaten as a vegetable, and flowers are used as a natural food colorant. *C. ternatea* is a good source of protein.

参考文献

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