

Species Datasheet

Datasheet No. A-140.002.033
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species:

Subspecies: *Vigna unguiculata* subsp. *cylindrica* (L.) Verdc.

Variety:

Cultivar:

Hybrid:

Image file:

2. Synonyms: *Dolichos catiang* L., *Phaseolus cylindricus* L., *Vignasinensis* var. *catjang* (Burm.f.) Chiov., *V. sinensis* subsp. *cylindrica* (L.) Van Eselt., *V. unguiculata* var. *catjang* (Burm.f.) Bertoni, *V. unguiculata* subsp. *catjang* (Burm.f.) Chiov., *V. unguiculata* var. *catjang* (Burm.f.) H. Ohashi, *V. unguiculata* var. *cylindrica* (L.) H. Ohashi, *V. unguiculata* var. *cylindricus* (L.) H. Ohashi

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Vigna* Savi
- Species: *V. unguiculata* (L.) Walp.
- Subspecies: *V. unguiculata* subsp. *cylindrica* (L.) Verdc.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Polypetalae
Series: Calyciflorae
Cohors: Rosales Bercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo: Papilionaceae Giseke
Genus: *Vigna* Savi
Species: *V. unguiculata* (L.) Walp.
Subspecies: *V. unguiculata* subsp. *cylindrica* (L.) Verdc.

4. Distribution:

Global: Arabia, India, Vietnam

India: Bihar, Madhya Pradesh, Orissa, North East India

5. Indigenous/Exotic/Endemic; Cultivated/Wild: Cultivated

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Erect and bushy to prostrate and scrambling herb; terrestrial

8. Life Form: Therophytes

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis

Male meiosis

Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level⁵⁰

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc.):