

# Species Datasheet

Datasheet No. A-140.047.099  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species  
Subspecies  
Variety *Crotalaria paniculata* var. *paniculata*  
Cultivar  
Hybrid

Image file

2. **Synonyms:** This name is a synonym of *Crotalaria paniculata* Willd.

## 3. Systematic Position:

- APG IV (2016)**
- Kingdom: Plantae
  - Clade: Angiosperms
  - Clade: Eudicots
  - Clade: Superrosids
  - Clade: Rosids
  - Clade: Fabids
  - Order: Fabales Bromhead
  - Family: Fabaceae Lindl.
  - Subfamily: Faboideae Rudd
  - Genus: *Crotalaria* L.
  - Species: *C. paniculata* Willd.

**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: *Crotalaria* L.  
Species: *C. paniculata* Willd.

## 4. Distribution:

Global

India

5. **Indigenous/Exotic/Endemic; Cultivated/Wild:** Endemic, wild

## 6. Threat Status:

IUCN

BSI

## 7. Habit and Habitat:

## 8. Life Form:

## 9. Economic Importance:

**10. Probable Progenitor of:**

**11.DNA**

**C-valueMethodology**

**12.Basic chromosome number(s):**

**13. Zygotic chromosome number(s):**

**14. Gametic chromosome number(s):**

**15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):**

Image file

**16.Ploidy level:**

Image file

**17.Agametoploidy:**

**18.Nature of polyploidy (auto, segmental, allo, autoallo):**

**19.Genomic formula:**

**20.Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty):**

**21.Somatic chromosomes:**

**Karyotype**

**Chromosome**

**NOR chromosome(s)**

**Degree of asymmetry**

Image file

**22. Banding pattern(s):**

Image file

**23.Physical mapping of chromosomes:**

**In situ hybridization**

Image file

**Fluorescent in situ hybridization**

Image file

**24.Genomic in situ hybridization:**

Image file

**25. Linkage map:**

Image file

**26. Chromosome associations:**

**Female meiosis**

**Male meiosis**

**27. Chromosome distribution at anaphase I:**

**28. Genetic diversity:**

**Chromosomal level**

**DNA level**

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