

# Species Datasheet

DBT- Network Programme

Datasheet No. A-140.047.001  
(family.genus.species)

## 1. Taxon:

Species *Crotalaria acicularis* Benth.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Crotalaria disticha* Zoll

## 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. acicularis* Benth.

### 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. acicularis* Benth.

## 4. Distribution:

**Global** Australia, Bangladesh, Burma, Cambodia, China, Indonesia, Laos, Nepal, Philippines, Thailand, Vietnam

**India** Throughout India

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

## 6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Herbs, ascending, 20-80 cm tall

8. Life Form: annual

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):**