

# Species Datasheet

Datasheet No. A-140.078.023  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Cajanusniveus* (Benth.) Maesen

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Atylosianivea* Wall. ex Benth., *Cajanusniveus* Graham ex Wall., *Cantharospermumniveum* (Wall. ex Benth.) Raizada

## 3. Systematic Position: APG IV; Bentham and Hooker:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus: *Cajanus* DC
- Species: *Cajanusniveus* (Benth.) Maesen

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: Rosales Bercht. & J. Presl  
Ordo: LeguminosaeJuss.  
Subordo: PapilionaceaeGiseke  
Genus: *Cajanus* DC  
Species: *Cajanusniveus* (Benth.) Maesen

## 4. Distribution:

Global: Burma, China, Yunnan

India:

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

## 6. Threat Status:

IUCN

BSI

7. Habit and Habitat: Shrub.

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of: It also forms the tertiary gene pool.<sup>1,2,3,4</sup>

11. DNA

C-value Methodology

**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):**

**16. Ploidy level:**

**17. Agametoploidy:**

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

**19. Genomic formula:**

**20. Aberrant chromosome number(s)(aneuploidy, aneusomy, polysomy):**

**21. Somatic chromosomes:**

**Karyotype:**

**Chromosome size:**

**NOR chromosome(s):**

**Degree of asymmetry:**

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

**23. Physical mapping of chromosomes:**

**In situ hybridization**

**Fluorescent in situ hybridization**

**24. Genomic in situ hybridization:**

**25. Linkage map:**

**26. Chromosome associations:**

**Female meiosis**

**Male meiosis**

Image file

**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; Translocations etc):**