

# Species Datasheet

Datasheet No. A-140.078.007  
(family.genus.species)

DBT- Network Programme

## 1.Taxon:

Species:*Cajanusconfertiflorus*F. Muell

Variety

Cultivar

Hybrid

Image file

2. Synonyms:[\*Atylosia pluriflora\* Benth.](#)

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

### 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: *Cajanusconfertiflorus*F. Muell

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus: *Cajanus* DC
- Species:*Cajanusconfertiflorus*F. Muell

## 4.Distribution:

**Global:** Antarctica, Australia.

**India:**

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

## 6.Threat Status:

IUCN

**BSI**

**7.Habit and Habitat:**Erect Shrub.

**8.Life Form:**Perennial

**9.Economic Importance:**

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

**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):**

**16.Ploidy level:**

**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 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 (Aponixis; Inversion; Male sterility; Pollen grain mitosis;  
Pollen stainability;Translocations etc):**