

Species Datasheet

Datasheet No. A-140.078.027
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Cajanusrugosus* (Wight & Arn.) Maesen

Variety

Cultivar

Hybrid

Image file

2. Synonyms: *Atylosia rugosa* Wight & Arn., *Cantharospermum rugosum* (Wight & Arn.) Alston

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: Leguminosae Juss.

Subordo: Papilionaceae Giseke

Genus: *Cajanus* DC

Species: *Cajanusrugosus* (Wight & Arn.) Maesen

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Cajanus* DC
- Species: *Cajanusrugosus* (Wight & Arn.) Maesen

4. Distribution:

Global: India, Sri Lanka

India:

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

6. Threat Status:

IUCN

BSI

7.Habit and Habitat:Climber, herb

8.Life Form:Perennial

9.Economic Importance:

10. Probable Progenitor of:It also forms the tertiary gene pool.^{1,2,3,4}

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):**