Species Datasheet

Datasheet No. A-140.078.026 **DBT- Network Programme**
(family.genus.species)

1.Taxon:

Species: *Cajanus reticulatus* (Dryand.) F. Muell
Variety
Cultivar
Hybrid

Image file

2. Synonyms:*Atylosia grandifolia* Benth.**,** *Cajanus reticulatus* var. *reticulatus*

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: *Cajanus reticulatus* (Dryand.) F. Muell

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Cajanus* DC
- Species: *Cajanus reticulatus* (Dryand.) F. Muell

4.Distribution:

Global: Antarctica, Australia, Australia, India, Papua New Guinea.
India:

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat: Climbing Shrub.

8.Life Form: Perennial

9.Economic Importance:

10. Probable Progenitor of: It also forms the secondary 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: 69

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