Species Datasheet

Datasheet No. A-140.078.031 **DBT- Network Programme**
(family.genus.species)

1.Taxon:

Species: *Cajanusvillosus (Baker)*Maesen
Variety
Cultivar
Hybrid

Image file

2. Synonyms:*Atylosia villosa* Benth. ex Baker f.

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: *Cajanusvillosus (Baker)*Maesen

APG IV (2016)

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

4.Distribution:

Global: India
India:

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat: Creeper Climber, Herb/shrub

8.Life Form: Annual, Perineal

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