Species Datasheet

Datasheet No. A-140.078.014 **DBT- Network Programme**
(family.genus.species)

1.Taxon:

Species: *Cajanusheynei* (Wight &Arn.) Maesen
Subspecies
Variety
Cultivar
Hybrid

2. Synonyms:

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:*Cajanusheynei* (Wight &Arn.) 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: *Cajanusheynei* (Wight &Arn.) Maesen

4.Distribution:

Global:
India: W. Ghats of Got, Karnataka, Kerala, Maharashtra, Tamil Nadu

5.Indigenous/Exotic/Endemic;Cultivated/Wild:

6.ThreatStatus:

IUCN
BSI

7.Habit and Habitat:

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of: It forms the Tertiary gene pool

11.DNA
C-valueMethodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):2n = 22[102, 103]

14. Gametic chromosome number(s):n=11[104]
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.Genomicin situ hybridization:

25. Linkage map:

26.Chromosome associations:
Female meiosis
Male meiosis

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;Translocationsetc):