

Species Datasheet

Datasheet No. A-140.078.015
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Cajanuskerstingii*Harms

Variety

Cultivar

Hybrid

Image file

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:*Cajanuskerstingii*Harms

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: *Cajanuskerstingii*Harms

4.Distribution:

Global:Senegal, Togo, Benin, Ghana, Mali, Nigeria. West Africa

India:

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

6.ThreatStatus:

IUCN

BSI

7.Habit and Habitat:Erect Shrub

8.Life Form:Perennial

9.Economic Importance:

10. Probable Progenitor of:It forms the Tertiary Gene Pool

11.DNA

C-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=16$ ⁴¹

$2n=22$ ^{100, 114}

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 level¹

DNA level:

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