

Species Datasheet

Datasheet No. A-140.078.009
DBT- Network Programme

-(family.genus.species)

-

1. Taxon:

Species *C. crassus* (Prain & King) Maesen

Subspecies

Variety

Cultivar

Hybrid

2. Synonyms:

- [*Atylosiacrassa* Prain & King](#),
- [*Atylosiavolubilis* \(Blanco\) Gamble](#),
- [*Cajanusvolubilis* \(Blanco\) Blanco](#),
- [*Cantharospermumvolubile* \(Blanco\) Merr.](#),
- *Cytisusvolubilis* Blanco

3. Systematic Position: APG IV; Bentham and Hooker:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales
Bromhead
- Family: Fabaceae
Lindl.
- Subfamily: Faboideae
Rudd
- Genus: *Cajanus* DC
- Species: *C. crassus* (Prain & King)

Maesen

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 crassus* (Prain & King) Maesen

4. Distribution:

Global: Asia

India

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

6. Threat Status:

IUCN

BSI

7. Habit and Habitat:

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n = 22^{19, 97}$

14. Gametic chromosome number(s): $n = 11^{19}$

15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

16. Ploidy level:

17. Agameteoploidy:

18. Nature of polyploidy (auto, segmental, allo, autoallo):

19. Genomic formula:

20. Aberrant chromosome number(s)(aneuploidy, aneusomy, polysomy):

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

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level⁸¹

29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis;

Pollen stainability; Translocationsetc):