Species Datasheet

Datasheet No. A-140.001.031
(family.genus.species)

DBT- Network Programme

1.Taxon:

Species: *Arachismicrosperma*Krapov ., W.C. Gregory &Valls.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Arachis* L.
- Species: *A. microsperma* Krapov., W.C. Gregory &Valls.

Bentham and Hooker (1862)
Kingdom: Plantae
Division:Phanerogamia
Class: Dicotyledons
Subclass:Polypetalae
Series: Calyciflorae
Cohors: RosalesBercht. & J. Presl
Ordo: Leguminosae Juss.
Subordo:Papilionaceae Giseke
Genus: *Arachis* L.
Species: *A. microsperma* Krapov., W.C. Gregory &Valls.

4.Distribution:

Global: Brazil

India: Experimental stations

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Herbaceous, Tropicalregions

8.Life Form: Perennial

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value **Methodology**

12.Basic chromosome number(s):x = 10 [5, 96]

13. Zygotic chromosome number(s):2n = 20 [5,26,96,116]

14. Gametic chromosome number(s):n=10[96]

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

Image file

16.Ploidy level: Diploid [5, 26, 96, 116]

Image file

17.Agametoploidy:

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

19.Genomic formula:AA [26, 51, 96]

20.Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty):

21.Somatic chromosomes:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24.Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26.Chromosome associations:

Female meiosis

Male meiosis 10 II [96]

Image file

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level[26 , 51 ,64]

29.Any other information (Apomixis; Inversion; Male sterility;Pollen grain mitosis; Pollen stainability;Translocationsetc): Pollen stainability:100 %[96]