

Species Datasheet

Datasheet No. A-140.083.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Trigonella fimbriata* Benth.

Variety

Cultivar

Hybrid

2. Synonyms:

- *Trigonella emodi* subsp. *fimbriata* (Royle ex Benth.) H. Ohashi
- *Trigonella emodi* var. *fimbriata* (Benth.) Širj.
- *Trigonella emodi* var. *fimbriata* (Royle ex Benth.) Širj.

3. Systematic position: APG; Bentham and Hooker:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: Fabales Bromhead
- Family: Fabaceae Lindl.
- Subfamily: Faboideae Rudd
- Genus: *Trigonella* L.
- Species: *Trigonella fimbriata* Benth.

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: *Trigonella* L.
Species: *Trigonella fimbriata* Benth.

4. Distribution:

Global: China, India, Nepal

India:

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

6. Threat Status:

IUCN: Least Concern

BSI

7. Habit and Habitat: Habit: Erect Herb, Habitat: Meadow, protected area, shore, temperate, terrestrial biome, terrestrial habitat, valley, watercourse, woodland

8. Life Form: Lifespan: Perennial

9.Economic Importance:

10. Probable Progenitor of:

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:

Image file

25. Linkage map:

Image file

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; Translocation etc.):