

# Species Data Sheet

DBT- Network Programme

Datasheet No. A-098.009.109  
(family.genus.species)

**1.Taxon:***Fimbristylis* Vahl

Species:*Fimbristylis tristachya*R. Br.

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:**

**3. Systematic position:**

**APG IV (2016)**

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Fimbristylis* Vahl
- Species: *F. tristachya*

**Bentham and Hooker (1862)**

Kingdom: Plantae

Division:Phanerogamia

Class: Monocotyledones

Series: Glumaceae

Ordo: Cyperaceae Juss.

Genus: *Fimbristylis* Vahl

Species: *F.tristachya*

**4.Distribution:**

**Global:**North America, Indo-Malesia and Australia

**India:**Assam and Uttar Pradesh

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

**6.Threat Status:**

**IUCN:**

**BSI:**

**7.Habit and Habitat:**Herb

**8.Life Form:**Annual

**9.Economic Importance:**

**10. Probable Progenitor of:**

**11.DNA**

**C-value**

**Methodology:**

**12.Basic chromosome number(s):**

13. Zygotic chromosome number(s):  $2n=10^1$

14. Gametic chromosome number(s):  $n=5^1$

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

Image file

16. Ploidy level:

Image file

17. Agametoploidy:

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:

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:

Image file

**27. Chromosome distribution at anaphase I:**

**28. Genetic diversity:**

**Chromosomal level:**

Image file

**DNA level**

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