

# Species Datasheet

Datasheet No. A-098.009.005  
(family.genus.species)

DBT- Network Programme

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

Species: *F. aestivalis*

Subspecies:

Variety: *Fimbristylis aestivalis* var. *major* Trim

Cultivar:

Hybrid:

Image file

**2. Synonyms:**

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

**APG IV (2016)**

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

**Bentham and Hooker (1862)**

Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Glumaceae  
Ordo: Cyperaceae Juss.  
Genus: *Fimbristylis* Vahl  
Species: *F. aestivalis*

**4. Distribution:**

Global

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):  $x=$

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

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

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; Translocations etc):**