

Species Datasheet

Datasheet No. A-098.001.006
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Cyperus babakan* Steud.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. **Synonyms:** *Cyperus babakensis* Steud. ex Miq., *Cyperus pilosus* var. *babakensis* (Steud. ex Miq.) C.B. Clarke, *Duval-jouvea babakensis* (Steud. ex Miq.) H. Pfeiff.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperm
- Clade: Monocots
- Clade: Commelinids
- Order: Poales Small
- Family: Cyperaceae Juss.
- Genus: *Cyperus* L.
- Species: *C. babakan* Steud.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Monocotyledones
Series: Glumaceae
Ordo: Cyperaceae Juss.
Genus: *Cyperus* L.
Species: *C. babakan* Steud.

4. Distribution:

Global: China, Assam, Thailand, Vietnam, Malesia, Borneo, Jawa, Malaya, Philippines, Sulawesi, Papuaia, New Guinea

India: North East India

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Herb. Found in wet places, paddy fields

8. **Life Form:** Rhizomatous geophyte

9. **Economic Importance:**

10. **Probable Progenitor of:**

11.DNA

C-value Methodology:

12.Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=72^4$

14. Gametic chromosome number(s): $n=36^4$

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, 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:

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):