

Species Datasheet

Datasheet No. A-098.001.023
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Cyperus haspan* L.

Subspecies:

Variety:

Cultivar:

Hybrid:

Image file

2. Synonyms: *Cyperus adenophorus* Schrad. ex Nees, *C. adenophorus* Schrad., *C. adenophorus* var. *aphyllus* Boeckeler, *C. americanus* (Boeckeler) Palla, *C. aphyllus* Vahl, *C. autumnalis* Vahl, *C. caespitosus* Llanos, *C. cancellatus* Ridl., *C. cayennensis* Link, *C. efoliatus* Boeckeler, *C. gracilis* Muhl., *C. gramineus* Roem. & Schult., *C. graminifolius* Poir., *C. haspan* var. *adenophorus* (Schrad. ex Nees) Kük., *C. haspan* var. *americanus* Boeckeler, *C. haspan* var. *amplissimus* Kük., *C. haspan* var. *bulboides* Kük., *C. haspan* var. *cancellatus* (Ridl.) Kük., *C. haspan* var. *coarctatus* Nees, *C. haspan* f. *coarctatus* (Nees) Osten, *C. haspan* var. *dietrichiae* Domin, *C. haspan* var. *firmicaulis* Kük., *C. haspan* var. *flaccidissimus* Kük., *C. haspan* var. *haspan*, *C. haspan* subsp. *junciformis* Kük., *C. haspan* subsp. *juncoides* (Lam.) Kük., *C. haspan* f. *major* C.B. Clarke, *C. haspan* var. *riparius* Kük., *C. haspan* var. *tuberiferus* T. Koyama, *C. hyemalis* Pursh ex C.B. Clarke, *C. junceus* Link, *C. juncooides* Lam., *C. laticulmis* Spreng., *C. leptos* Schult., *C. microcarpus* Boeckeler, *C. muehlenbergii* Spreng., *C. nudus* Kunth, *C. nudus* var. *firmior* J. Presl & C. Presl, *C. nudus* var. *flaccidior* J. Presl & C. Presl, *C. pedatus* Nees, *C. phaeorhizus* K. Schum., *C. phaeorhizus* var. *princeae* (C.B. Clarke) Kük., *C. planiculmis* Steud., *C. platyculmis* R. Br., *C. princeae* C.B. Clarke, *C. riparius* Schrad. ex Nees, *C. stellatus* Link, *C. triqueter* Boeckeler, *C. tunicatus* Roem. & Schult., *C. vaginatus* Link, *Scirpus autumnalis* Rottb.

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. haspan* L.

Bentham and Hooker (1862)

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

4. Distribution:

Global: Tropical and subtropical regions of the whole world

India: Throughout India.

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Herb. Found in open, moist places

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11.DNA

C-valueMethodology:

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, 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; Translocations etc):