

Species Datasheet

Datasheet No. A-377.024.004
(family.genus.species)

DBT- Network Program

1.Taxon:

Species: *Hemigraphis hirta*(Vahl) T.Anderson

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:***Ruellia hirta*Vahl

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Lamiales Bromhead
- Family: Acanthaceae Juss.
- Genus: *Hemigraphis* Nees
- Species: *H. hirta*(Vahl) T.Anderson

Bentham and Hooker(1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Gamopetalae
- Series: Bicarpellatae
- Cohors: Personales
- Ordo:Acanthaceae Juss.
- Genus: *Hemigraphis* Nees
- Species: *H. hirta* (Vahl) T.Anderson

4.Distribution:

Global:India

India:Maharashtra

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

6.Threat Status:

IUCN:

BSI:

7.**Habit and Habitat:**Herb.

8.**Life Form:**Chamaephytes

9.**Economic Importance:**

10. **Probable Progenitor of:**

11.**DNA**

C-value**Methodology**

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

13. **Zygotic chromosome number(s)** $2n=30^2$

14. **Gametic chromosome number(s):** $n=15^2$, $n=16^3$

15.**Specialized chromosomes (B chromosomes/Sex chromosomes/Polytenechromosomes/ Neocentric Chromosomes etc):**

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

22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:GISH.

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

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

DNA level

29.Any other information: