

Datasheet No. A-085.001.002
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species:*Ensete superbum* (Roxb.) Cheesman

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms:*Musa superba* Roxb.

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Commelinids
- Order: Zingiberales Griseb.
- Family: Musaceae Juss.
- Genus:*Ensete* Bruce ex Horan.
- Species: *E. superbum* (Roxb.) Cheesman

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Monocotyledones
- Series: Epigynae
- Ordo: Scitamineae
- Genus:*Ensete* Bruce ex Horan.
- Species:*E. superbum* (Roxb.) Cheesman

4. Distribution:

Global: India, Myanmar, Thailand, Vietnam

India: Andhra Pradesh, Gujarat, Karnataka, Kerala, Maharashtra, Nagaland, Tamil Nadu

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Large non-stoloniferous herb; moist deciduous and semi-evergreen forests

8. Life Form: Cormous geophyte

9. Economic Importance: The plant is well documented for the purpose of culinary (vegetables and fruits) and multiple medicinal requirements of the local people, traditional healers and many communities of India and Ethiopia

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=18^{1,2,3,4}$

14. Gametic chromosome number(s):

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):