Genus Datasheet JamU+CalU+SUK-Phase I

Datasheet No. A-416.004 **DBT- Network Programme**
(Family.Genus)

1. Genus:*Anethum* L.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicot
- Clade: Asterids
- Clade: Campanulids
- Order: ApialesNakai
- Family: ApiaceaeLindl.
- Genus:*Anethum* L.

Bentham and Hooker (1862)

- Kingdom: Plantae
- Division: Phanerogamia
- Class: Dicotyledons
- Subclass: Polypetalae
- Series: Calyciflorae
- Cohors: Umbellales
- Ordo:UmbelliferaeJuss.
- Genus:*Anethum* L.

3. Species:

Global: 1

India: 1

4. Taxonomic riddles:

5. Distribution:

Global: Algeria, Chad, Gulf States, Kazakhstan, Libya, Morocco, Oman, Saudi Arabia, Tunisia, Turkey, Alabama, Albania, Altay, Angola, Argentina Northeast, Austria, Azores, Bahamas, Baleares, Baltic States, Bangladesh, Belarus, Belgium, Brazil South, Brazil Southeast, Bulgaria, Cameroon, Canary Island, Cape Verde, Cayman Island, Central European Rus, China, Cuba, Czechoslovakia, Dominican Republic, East Aegean Island, East European Russia, Ecuador, Eritrea, Ethiopia, France, Ghana, Greece, Guatemala, Haiti, Hungary, Illinois, India, Italy, Jamaica, Kentucky, Kenya, Kriti, Krym, Laos, Leeward Island, Madeira, Mozambique, Netherlands, Niger, Nigeria, Northwest European R, Peru, Portugal, Puerto Rico, Romania, Sicilia, Somalia, South European Russi, Spain, Sudan, Switzerland, Tadzhikistan, Tanzania, Trinidad-Tobago, Ukraine, Uzbekistan, Vietnam, Windward Island, Yugoslavia

India: Cultivated throughout India.

6. Habit and Habitat: Herb; Cultivated.

7.Economic Importance:

8. DNA content range: **Methodology**

2C

4C

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n=22^{1,2,3,4,5,6}$; $2n=44^{1}$

11. Gametic chromosome number(s): $n=11^{7}$

12. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene Chromosomes/ Neocentric chromosomes):

13. Ploidy level:

14. Nature of polyploidy (auto, segmental, allo, autoallo):

15. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

16. Karyograms: **Meiosis:**

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19.Phylogenetic relationship atChromosomal; DNAlevel:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: