

Genus Datasheet
DBT- Network Programme

Datasheet No. A-403.007
(Family, Genus)

1. Genus: *Ageratum* L.

2. Systematic position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Ageratum* L.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Ageratum* L.

3. Species:

Global: 51

India: 2

4. Taxonomic riddles:

5. Distribution:

Global: Argentina, Belize, Bolivia, Brazil, Caribbean, Chile, China, Colombia, Costa Rica, Ecuador, El Salvador, French Guiana, Guatemala, Guyana, Honduras, India, Madagascar, USA

India: Throughout India

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6. Habit and Habitat: Herb.

7. Economic Importance: Medicinal

8. DNA content range:

Methodology

9. Basic chromosome number(s):

10. Zygotic chromosome number(s): $2n = 20^{1-5, 15-18, 21}$, $2n = 40^{6-16, 19, 20, 22}$

11. Gametic chromosome number(s): $n = 10, 20^{15, 21}$

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

13. Ploidy level:Diploid ^{1-5,15-18,21}, Tetraploid^{6-16,19,20,22}

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

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

16. Karyograms:¹⁵**Meiosis:**^{15,16,21}

17. Banding pattern(s):

18. Physical mapping of chromosomes:GISH:

19. Phylogenetic relationship at Chromosomal; DNA level:

20. Cytogenetic mechanism (s) underlying evolution:

21. Linkage map:

22. Any other information: