Species Datasheet

Datasheet No. A-403.007.001 **DBT-** 1
(family.genus.species)

1.Taxon:

Species: *Ageratum conyzoides*L.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. Synonyms:*Ageratumalbum*Hort.Berol. ex Hornem., *A.album*steudel, *A.arsenei*B.L.Rob., *A.brachystephanum* Regel, *A.ciliare* L., *A.ciliare*Lour., *A.coeruleum*Desf., *A.conyzoides* f. *album* (Willd.) B.L.Rob., *A.conyzoides* f. *conyzoides*, *A.conyzoides* var. *conyzoides*,*A.conyzoides* subsp. *conyzoides*,*A.conyzoides* var. *hirtum* (Lam.) DC., *A.conyzoides* var. *inaequipaleaceum*Hieron., *A.conyzoides* f. *obtusifolia* (Lam.) Miq., *A.conyzoides* var. *pilosum* Blume, *A.cordifolium*Roxb., *A.hirsutum* Lam., *A.hirsutum*Poiret, *A.hirsutum*Poir.,*A.hirtum* Lam., *A.humile*Larran., *A.humile*Salisb., *A.humile*Larrañaga, *A.iltisii*R.M.King&H.Rob., *A.latifolium* Cav., *A.latifolium* var. *galapageium*B.L.Rob., *A.latifolium* var. *latifolium*,*A.microcarpum* (Benth. ex Benth.) Hemsl., *A.muticum*Griseb., *A.nanum* Hort. ex Sch.Bip., *A.obtusifolium* Lam., *A.odoratum*Vilm., *A.odoratum*Bailly, *A.suffruticosum* Regel, *Alomiamicrocarpa* f. *torresii*Standl., *Cacaliamentrasto*Vell. Conc., *Caelestinalatifolia* (Cav.) Benth. exOerst., *C.microcarpa*Benth. exBenth., *C.microcarpa*Benth. exOerst., *C.suffruticosa* Sweet, *Careliabrachystephana* (Regel) Kuntze, *C.conyzoides* (L.) Kuntze, *C.mutica* (Griseb.) Kuntze, *Eupatoriumconyzoides* (L.) E.H.L.Krause, *E.conyzoides* (L.) E. H. Krause, *E.paleaceum*Sesse&Moc., *Sparganophorusobtusifolius*Lag.

3. Systematic Position:

APG IV (2016)

- Kingdom:Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: AsteraceaeBercht. & J. Presl
- Genus: *Ageratum* L.
- Species: *A.conyzoides*L.

Bentham and Hooker (1862)
Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Ageratum*L.
Species: *A. conyzoides*L.

4.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

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat: Herb

8.Life Form: Chamaephytes

9.Economic Importance: Leaf juice applied to wounds.

10. Probable Progenitor of:

11.DNA
C-valueMethodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):2n= 20[1-5,16,21] ,2n=40 [6-16,22]

14. Gametic chromosome number(s):n= 20[15,21]

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level: Diploid[1-5,16,21], Tetraploid[6-16,22]

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:15

Karyotype Majority metacentric chromosomes

Chromosome size

NOR chromosome(s)

Degree of asymmetry Symmetrical

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 meiosis10II[16,21],20II[15,16]

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;Translocationsetc.): Pollen stainability:80.55 %[21]