

Species Datasheet

Datasheet No. A-403.010.001
(family.genus.species)

DBT- Networ

1.Taxon:

Species: *Ambrosia artemisiifolia*L.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. **Synonyms:**[*Ambrosia artemisiifolia* f. *artemisiifolia*](#),[*A. artemisiifolia* subsp. *artemisiifolia*](#),[*A. artemisiifolia* var. *artemisiifolia*](#),[*A. artemisiifolia* var. *elati*](#)
[*var. elati*](#) (L.) Descourt.,[*A. chilensis* Hook. & Arn.](#),[*A. elata* Salisb.](#),[*A. elati*](#) L.,[*A. elati*](#) var. *elati*,[*A. glandulosa* Scheele](#),[*A. monophylla*](#)
[*\(Walter\) Rydb.*](#),[*A. paniculata* Michx.](#),[*A. paniculata* f. *paniculata*](#),[*A. paniculata* var. *paniculata*](#),[*A. peruviana* Cabrera](#),[*Ivamonophylla* Walter](#)

3. Systematic Position:

APG IV (2016)

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

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Infeae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Ambrosia* L.
Species: *A. artemisiifolia* L.

4.Distribution:

Global: Bolivia, Canada, Chile, China, Ecuador, Mexico, South Africa, USA

India: Introduced

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

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):** $2n=36^{1,2,3,4}$

14. **Gametic chromosome number(s):** $n=18^{5,6}$

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;Translocationsetc.):