

Species Datasheet

Datasheet No. A-403.009.001
(family.genus.species)

DBT-1

1.Taxon:

Species: *Amberboamoschata*(L.) DC.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:**[*Amberboamoschata* subsp. *moschata*](#),[*A.odorata* var. *glauca* \(Muss.Puschk. ex Willd.\) DC.](#),[*Centaureamoschata* L.](#),[*C.moschata* var. *moschata*](#),[*Centauriummoschatum*Cass.](#),[*C.suaveolens* Cass.](#),[*Chryseismoschata* \(L.\) Cass.](#),[*Cyanusluteus*Moench](#),[*C.moschatus*Gaertn.](#)

3. Systematic Position:

APG IV (2016)

- Kingdom:Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: AsteraceaeBercht. & J. Presl
- Genus: *Amberboa*(Pers.) Less.
- Species: *A. moschata*(L.) DC.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Amberboa*(Pers.)Less.
Species: *A. moschata*(L.) DC.

4.Distribution:

Global:Asia and Europe

India:Punjab

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

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:Herb.

8.Life Form:Chamaephytes

9.Economic Importance:Cultivated as ornamental plant

10. Probable Progenitor of:

11.DNA

C-valueMethodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=32^{1,2,3}$

14. Gametic chromosome number(s): $n=16^4$

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.):