

Species Datasheet

Datasheet No. A-403.055.001
(family.genus.species)

DBT-1

1. Taxon:

Species: *Tridax procumbens* L.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. **Synonyms:** [*Amelluspedunculatus* Ortega ex Willd.](#), [*Balbisiacanesens* Rich.](#), [*B.canescens* Rich. ex Pers.](#), [*B.divaricata* Cass.](#), [*B.elongata* Willd.](#), [*B.pedunculata* Ortega ex Hoffmanns.](#), [*B.pedunculata* Ortega ex O.Hoffm.](#), [*Chrysanthemumprocumbens* \(L.\) Sessé&Moc.](#), [*Tridaxprocumbens* var. *canescens* \(Rich. ex Pers.\) DC.](#), [*T.procumbens* var. *ovatifolia* B.L.Rob. ex B.L.Rob. &Greenm.](#), [*T.procumbens* var. *procumbens*](#)

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: *Tridax* L.
- Species: *T. procumbens* L.

Bentham and Hooker (1862)

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

4. Distribution:

Global: Argentina, Australia, Belize, Bolivia, Brazil, Cambodia, Caribbean, China, Colombia, Costa Rica, Ecuador, El Salvador, French Guiana, Guatemala, Guyana, Honduras, India, Laos, Madagascar, Mexico

India: Throughout India

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

6. Threat Status:

IUCN:

BSI:

7. **Habit and Habitat:** Herb. Common throughout as a weed along roadsides and in waste places.

8. **Life Form:** Chamaephytes

9. **Economic Importance:**

10. **Probable Progenitor of:**

11. **DNA**

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n=36^{1-16,21,22}$

14. Gametic chromosome number(s): $n=18^{7,16-20,22}$

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

Image file

16. Ploidy level: Tetraploid^{1-16,21,22}

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: ²¹

Karyotype Majority submetacentric chromosomes

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^{18II^{7,22}}

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; Translocations etc.): Pollen stainability : 74.39% ²²