

Species Datasheet

Datasheet No. A-403.001.001
(family.genus.species)

DBT- 1

1. Taxon:

Species: *Acanthospermum australe* (Loefl.) Kuntze
Subspecies
Variety
Cultivar
Hybrid

Image file

2. **Synonyms:** *Acanthospermum brasilium* Schrank, *A. hirsutum* DC., *A. xanthioides* (Kunth) DC., *A. xanthioides* var. *obtusifolium* DC., *A. xanthioides* var. *xanthioides*, *Centrospermum xanthioides* Kunth, *Echinodium prostratum* Poit., *Melampodium australe* Loefl., *Orcyadhaerens* Vell., *Orcyadhaerescens* Vell.

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: *Acanthospermum* Schrank
- Species: *A. australe* (Loefl.) Kuntze

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Acanthospermum* Schrank
Species: *A. australe* (Loefl.) Kuntze

4. Distribution:

Global: Alabama, Argentina, Bolivia, Brazil, British Guiana, China, Colombia, Florida, French Guiana, Georgia, Grenada, Guyana, Hawaiian Islands, India, Louisiana, Massachusetts, Mississippi, North Carolina, Oregon, Paraguay, Peru, South Africa, South Carolina, St. Vincent, Suriname, Tennessee, Uruguay, USA, Venezuela, Virginia

India:

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

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Creeping plant. Found in disturbed ground, commonly occurs on roadsides and in crops.

8. Life Form:

9. Economic Importance:

10. Probable Progenitor of:

11. DNA

C-valueMethodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s): $n=10^1, n=11^{2,3}$

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; Translocation setc.):