

Species Datasheet

Datasheet No. A-403.059.003
(family.genus.species)

DBT- Networ

1.Taxon:

Species: *Xanthium inaequilaterum*DC.
Subspecies
Variety
Cultivar
Hybrid

Image file

2. **Synonyms:** *Xanthium orientale* L., *Xanthium indicum* var. *inaequilaterum*(DC.)Miq,*Xanthiumstrumarium* var. *inaequilaterale* (DC.) C.B. Clarke, *Xanthium strumarium* var. *indicum* (koenig ex Roxb.) Debeaux

3.Systematic Position: APG IV; Bentham and Hooker:

APG IV (2016)	Bentham and Hooker (1862)
• Kingdom:Plantae	Kingdom: Plantae
• Clade: Angiosperms	Division:Phanerogamia
• Clade: Eudicots	Class:Dicotyledons
• Clade: Superasterids	Subclass: Gamopetalae
• Clade: Asterids	Series: Inferae
• Order: Asterales Link	Cohors: Asterales Link
• Family: AsteraceaeBercht. & J. Presl	Ordo: CompositaeGiseke
• Genus: <i>Xanthium</i> L.	Genus: <i>Xanthium</i> L.
• Species: <i>Xanthium inaequilaterum</i> DC.	Species: <i>Xanthium inaequilaterum</i> DC.

4.Distribution:

Global:China, Japan

India

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

6.Threat Status:

IUCN

BSI

7.Habit and Habitat:

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

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, aneusomy, polysomy):

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.):