

# Species Datasheet

Datasheet No. A-140.031.002  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species *Myroxylon balsamum* (L.) Harms

Variety

Cultivar

Hybrid

## 2. Synonyms:

- *Myrospermum toluiferum* DC.
- *Myroxylon balsamum* var. *balsamum*
- *Myroxylon toluiferum* A.Rich.
- *Toluidera balsamum* L.
- *Myroxylontoluidera* Kunth

## 3. Systematic Position:

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superrosids
- Clade: Rosids
- Clade: Fabids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Genus: *Myroxylon*L.f.
- Species: *M. balsamum* (L.) Harms

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: Rosales Bercht. & J. Presl  
Ordo: LeguminosaeJuss.  
Subordo: PapilionaceaeGiseke  
Genus: *Myroxylon*L.f.  
Species: *M. balsamum* (L.) Harms

## 4. Distribution:

**Global:**Americas, Antarctica, Africa, Southern Eastern Asia

**India:**

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

## 6. Threat Status:

IUCN

BSI

## 7. Habit and Habitat: Tree

## 8. Life Form:Perennial

## 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):
16. Ploidy level:
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:
22. Banding pattern(s):
23. Physical mapping of chromosomes:
  - In situ hybridization
  - Fluorescent in situ hybridization
24. Genomic in situ hybridization:
25. Linkage map:
26. Chromosome associations:
  - Female meiosis
  - Male meiosis
27. Chromosome distribution at anaphase I:
28. Genetic diversity:
  - Chromosomal level
  - DNA level:
29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocations etc.):