

Species Datasheet

Datasheet No. A-403.024.003
(family.genus.species)

1. Taxon:

Species *Cosmos steenisiae*Veldkamp
Variety
Cultivar
Hybrid

2. Synonyms: *Adenolepiscalva*Sch.Bip.

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

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

4. Distribution:

Global: Java

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):

16. Ploidy level:

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:

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.):