

# Species Datasheet

Datasheet No. A-074.002.016  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species *Asparagus griffithii* Baker  
Subspecies  
Variety  
Cultivar  
Hybrid  
Image file

## 2. Synonyms:

## 3. Systematic Position:

- APG IV (2016)**
- Kingdom: Plantae
  - Clade: Angiosperms
  - Clade: Monocots
  - Order: Asparagales
  - Family: Asparagaceae Juss.
  - Genus: *Asparagus* L.
  - Species: *A. griffithii* Baker

**Bentham and Hooker (1862)**  
Kingdom: Plantae  
Division: Phanerogamia  
Class: Monocotyledones  
Series: Coronarieae  
Ordo: Liliaceae Juss.  
Tribus: Asparageae Dumort.  
Genus: *Asparagus* L.  
Species: *A. griffithii* Baker

## 4. Distribution:

**Global:** Afghanistan, Iran, West Himalaya.

**India:** West Himalaya.

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

## 6. Threat Status:

**IUCN:**

**BSI:**

**7. Habit and Habitat:** Grows in Mediterranean Forest, woodlands and Scrub.

**8. Life Form:** Hemicryptophytes

**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; Translocations etc):**