

# Species Datasheet

Datasheet No. A-140.085.003  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species  
Subspecies: *Viciaangustifolia*L. subsp. *segetalis*Corb.  
Variety  
Cultivar  
Hybrid

Image file

2. Synonyms: [\*Viciasegetalis\*Thuill.](#)

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

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: Rosales Bercht. & J. Presl  
Ordo: LeguminosaeJuss.  
Subordo: PapilionaceaeGiseke  
Genus: *Vicia* L.  
Species: *Viciaangustifolia*L.

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus: *Vicia* L.
- Species: *Viciaangustifolia*L.

## 4. Distribution:

Global

IndiaExperimental stations

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

**6. Threat Status:**

**IUCN**

**BSI**

**7. Habit and Habitat:** Herbaceous, Scrambling climber

**8. Life Form:** Annual

**9. Economic Importance:**

**10. Probable Progenitor of:** Close relative of common vetch, *V. sativa*<sup>123,124,126,130,131,136,149</sup>

**11. DNA**

**C-value**                      **Methodology**

2C(5.06pg)<sup>90,91</sup> Microdensitometer

**12. Basic chromosome number(s):**  $x=6$ <sup>9,90,91</sup>

**13. Zygotic chromosome number(s):**  $2n=10$ <sup>126</sup>,  $2n=12$ <sup>9,91,126</sup>

**14. Gametic chromosome number(s):**

**15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):**

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**16. Ploidy level:** Diploid<sup>9,90,91,126</sup>

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:**<sup>126</sup>

**Karyotype** Majority submetacentric chromosomes

**Chromosome size**

**NOR chromosome(s)**

**Degree of asymmetry**Symmetrical

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**<sup>126</sup>

Image file

**DNA level**<sup>128</sup>

**29. Any other information (Apomixis; Inversion; Male sterility; Pollen grain mitosis; Pollen stainability; Translocation etc.):**