

# Species Datasheet

Datasheet No. A-140.002.012  
(family.genus.species)

DBT- Network Programme

## 1. Taxon:

Species: *Vignahosei*(Craib) Backer

Subspecies

Variety

Cultivar

Hybrid

Image file

**2. Synonyms:** *Dolichos hosei* Craib, *Vigna hosei* var. *hosei*, *Vigna oligosperma* Backer, *Vigna parkeri* subsp. *acutifolia* Verdc., *Vigna parkeri* subsp. *maranguensis* (Taub.) "Verdc., p.p."

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

### APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Rosids
- Order: FabalesBromhead
- Family: FabaceaeLindl.
- Subfamily: Faboideae Rudd
- Genus: *Vigna*Savi
- Species: *Vignahosei*(Craib) Backer

### Bentham and Hooker (1862)

Kingdom: Plantae  
Division: Phanerogamia  
Class: Dicotyledons  
Subclass: Polypetalae  
Series: Calyciflorae  
Cohors: Rosales Bercht. & J. Presl  
Ordo: LeguminosaeJuss.  
Subordo: PapilionaceaeGiseke  
Genus: *Vigna*Savi  
Species *Vignahosei*(Craib) Backer

## 4. Distribution:

**Global:** Guadeloupe, India, Indonesia, Japan, Jawa, Kenya, Martinique, Mozambique, Peninsular Malaysia, Rwanda, Sarawak, Sri Lanka, St Lucia, Taiwan, Tanzania.

## India

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

## 6. Threat Status:

IUCN

BSI

## 7. Habit and Habitat: Herb

## 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):**  $2n=20^{150,151, 152}$

**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, aneusomaty, polysomaty):**

**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**<sup>153</sup>

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