



भाकृअनुप-केन्द्रीय शुष्क बागवानी संस्थान

श्रीगंगानगरमार्गबीछवालऔधोगिकक्षेत्रडाकघरबीकानेर-334006

ICAR-Central Institute for Arid Horticulture

Sri Ganganagar Highway, Beechwal Industrial Area P.O., Bikaner-334006



F. No. CIAH/PME/VT/2023-24 **2927-2935**

Dated: 06-09-2023

OFFICE NOTE

Sub: Identification of variety of Dolichos bean (CHESDB-31) as "Thar Vinaya"- regarding.

Dr. Gangadhara K, Scientist (Vegetable Science.), has submitted/presented the proposal with data/characteristics of promising line of Dolichos bean CHESDB-31 in the meeting (06-06-2023) for identification of variety. After thorough discussions, the Institute's Variety Identification Committee has recommended the following variety of Dolichos bean CHESDB-31 identified as "Thar Vinaya" at Institute's level. Further, planting material of the identified variety of Dolichos bean CHESDB-31 (Thar Vinaya) may be produced in sufficient quantity for distribution among the farmers' of the region.

Sr. No.	Crop/ Name of variety under which tested	Project title	Name of Variety as Identified.	Scientists associated for the development of the variety
1.	Dolichos bean (<i>Lablab purpureus</i> var. <i>typicus</i> L.). (CHESDB-31) IC No. 631578	Introduction, collection, characterization, conservation and evaluation of vegetable crops (dolichos bean, cluster bean and cowpea) under rainfed semi-arid conditions of western India.	Thar Vinaya (Through pure line selection)	Dr. Gangadhara K. Dr. L.P. Yadav Dr. V. V. Appa Rao Dr. A. K. Singh Dr. Jagadish Rane

Description of variety:

It has attractive long, light green colour pods. It is pole type with cluster bearing in nature and produces the pods in clusters. Pods are long (14 cm), girth (4.20 cm) with pod weight (8.5g). It takes 90-91 days for first flowering & 102-105 days after sowing for first harvest. Yield total of 1000-1265 fresh pods/ plant with yield 6.5-7.5 kg/plant and 50.5 t/ha. Nutritional value- proteins(4.2g/100g), Vitamin C (7.7 g/100g), beta carotene (7.2 mg/100g), total phenols (138.2 mg GAE/100g), & total antioxidant (158.65 mg AAE/100g). It is moderately resistant to dolichos bean yellow mosaic virus disease under field conditions.

Uses: Culinary purpose

Copy to:

1. All concerned
2. I/c ITMU
3. Secretary, IRC
4. Secretary, RAC
5. I/c CHES, Godhra
6. I/c, Division of Crop Production
7. I/c, Division of Crop Improvement
8. I/c PME, Call
9. Director Cell

Rane

(Jagadish Rane)

निदेशक/DIRECTOR

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