

Minimal Descriptor Studies in Dolichos Bean (*Dolichos lablab* L.var. *typicus* Prain) Germplasm

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Abstract—Minimal descriptors of thirty five genotypes of dolichos bean (*Dolichos lablab* L. var. *typicus* Prain) germplasm lines were evaluated at Vegetable Research Station, Agriculture Research Institute, Rajendranagar, Hyderabad during August, 2016 to March, 2017. The data were recorded as per minimal descriptors of NBPGR. The data on descriptors of 13 traits were recorded on ten randomly selected plants in each genotype. Results in plant revealed that there is a considerable variability in dolichos bean germplasm for most of the traits like stem colour (green, dark green and purple), leaf vein colour (light green and green, purple), leaf density (sparse and intermediate), flower colour (purple, white and dark purple), growth habit (pole and bush), pod shape (straight, curved and intermediate), pod colour (green, dark green, light green, purple colour and dark purple), pod beak (long, short and medium), pod suture (green, dark green and purple), pod curvature (straight and curved), pod surface (smooth and wrinkled), seed colour (black, brown and cream) and seed shape (flat, round and oblong). Whereas there was no variability observed in traits like leaf vein colour, pod suture and pod beak colour. Hence, the genotype which shows desirable characters in plant, those genotypes are to be selected and may be used in further evaluating breeding programs.