

Field Screening of Castor (*Ricinus communis* L.) Germplasm Against *Botrytis* Grey Rot

R Sudhakar, S Khayum Ahammed, and A Vishnuvardhan Reddy

Department of Genetics and Plant Breeding, SRTC, Rajendranagar, Hyderabad-30

Andhra Pradesh

ABSTRACT

Field trial was conducted to evaluate 160 germplasm accessions with Krathi as susceptible check and Haritha as resistant check. Germplasm accessions were sown in single row with 5m length with at 90X45cm spacing. Resistant and susceptible checks were sown after every 10 test entries. Out of 160 accessions screened, only six accessions *viz.*, RG-2289, 2353, 2356, 2363, 3141, 3151 were exhibited resistant reaction (< 10% capsule infection).

Key words :Castor, *Botrytis ricini*, Germplasm Screening.