

Resistant Source Identification in Finger Millet under Natural Field conditions against Blast incited by *Pyricularia grisea* (Cke.) Sacc.

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ABSTRACT

A total of 29 finger millet (*Eleusine coracana*) genotypes were evaluated for identification of resistant source against blast caused by *Pyricularia grisea* at Agricultural Research Station, Vizianagaram, Andhra Pradesh, India, during *kharif*, 2022 under natural disease pressure. None of the genotypes were found free from disease incidence. Minimum incidence of neck blast (11.67%) and finger blast (21.67%) were recorded in TNEc 1342 and VL 409 respectively and maximum incidence of neck blast (51.67%) and finger blast (76.67%) was recorded in IIMR-FM-R21-8001 whereas, it was 6.67% & 18.33% in resistant check (GE 4449) and 66.0% & 80.0% in susceptible check (KMR 30), respectively.

Keywords: *Blast, Finger millet, Resistant, Susceptible and Screening*