

## EFFECT OF NITROGEN ON INCIDENCE OF STEM ROT OF INDIAN MUSTARD CAUSED BY *SCLEROTINIA SCLEROTIORUM* (LIB.) DE BARY

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**ABSTRACT** : Sclerotinia stem rot of mustard caused by *Sclerotinia sclerotiorum* ( Lib.) de Bary is one of the most important soil borne disease of Indian mustard (*Brassica juncea* (L.) Czern & Coss.) of the country. It is also prevalent in the terai district of U.P. i.e. Bahraich. A field experiment was conducted in the district and the study revealed that when nitrogen applied at 40 to 80 kg/ha in soil, it shows increase in incidence and when the higher dose of N i.e. 120 kg/ha. was applied it reduced the disease incidence. Among the two varieties tested, Toria type 9 shows maximum disease incidence in comparison to variety, PT 303.

**Key Words** : *Sclerotinia sclerotiorum*, Indian mustard, nitrogen