Research Paper :

Chemical Control of Sugarcane Smut Through Sett Treatment with Fungicides

V. BHARATHI

International Journal of Plant Protection, Vol. 2 No. 2 : 151-153 (October, 2009 to March, 2010)

V. BHARATHI
Farmers Call Centre,
Acharya N.G. Ranga
Agricultural University,
Sitafalmandi,
HYDERABAD (A.P.)
INDIA

SUMMARY

Smut disease caused by *Ustilago scitamineae* is a dreadful disease of sugarcane and is endemic in most of the tropical regions. Sett treatment with triademifon (0.1%) followed by propiconazole (0.1%) for different periods 2h and 4h had shown radical reduction in smut incidence. There was slight smut incidence with triademifon or propiconazole for 2 h dip but with 4 h there was no smut incidence. Sett treatement with fungicide did not exhibit any influence on germination and shoot production. Hence, sett dip with triademifon (0.1%) or propiconazole (0.1%) for 2h can be recommended for an effective management of sett transmitted sugarcane smut.

Key words :
Sugarcane, Smut, *Ustilago scitamineae*, Fungicides, Management, Sett treatment

Accepted :
April, 2009