Chemical Control of Sugarcane Smut Through Sett Treatment with Fungicides

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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 2h dip but with 4h there was no smut incidence. Sett treatment 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