

Herbal formulation to control maize stem borer

Consolation

Plant Protection



Somabhai Kanabhai Gamar (Solanki)
Sabarkantha, Gujarat

Scout: Mahesh Parmar, SRISTI

Stem borers are the most serious maize pests that damage the crop and reduce the yield considerably. Somabhai (50), an illiterate but creative farmer from Sabarkantha, has developed an herbal formulation to control the stem borer.

He uses the leaves of a local plant along with the leaves of neem and onion to prepare the formulation, which is sprayed at noon from the top of the plant. The formulation was tested against maize stem borer in Sadbhav SRISTI Sanshodhan Laboratory, Ahmedabad. It was observed that the formulation was effective in controlling the problem upto 55-60 per cent. SRISTI also conducted on-farm experimentation in farmers' fields at Gandhinagar & Ahmedabad districts of Gujarat where also the formulation showed significant control over the problem.

NIF has filed a patent for the technology in the innovator's name.

