

#### Symptoms of Damage:

- Injurious to all the stages of crop growth.
- The newly hatched larva enters first in the midrib of leaf and bores downwards into shoot from the top.
- As a result of such feeding, the central shoot dries up and forms a "Bunchy Top".
- The exit holes are observed on top immature internodes.
- The sprouting of buds is noticed on affected standing canes.
- Series of holes is noticed on 2<sup>nd</sup> or 3<sup>rd</sup> leaf from top.

#### Management of sugar cane Top Borer:

- 1] Collection and destruction of egg masses, if possible
  - 2] Destruction of the affected plants.
  - 3] Whirl application of granular insecticides viz. Carbofuran @ 1 gm./whorl in early stage of crop growth.
  - 4] Soil application of Carbofuran 3G @ 33 Kg/ha.
  - 5] Release, *Isotima javensis* Rowh. @ 500 adults/ha.
  - 6] Release of an egg parasite, *Trichogramma* sp. in field @ 3 to 5 lakh parasitized eggs/ha. in suitable installments.
  - 7] Spraying of Chlorantriliprol 18.5 % SC @ 375 ml/ha in 1000 lit of water
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