

Technology Developed :
ENTOMOLOGY :

* The effective control of bollworm can be achieved on Hy-6 cotton after the release of egg larval parasites viz. *Chilonus blackburni* @10 to 12 thousand per ha. in 4 to 5 installment per cotton season supplementing with the use of insecticide the egg larval should be recommended at ETL.

* Based on result of research carried out for three years and considering the economics of different treatment the following recommendation have proposed in the IPM programme to control cotton bollworm with reduction in the use of chemical insecticides and high economical yield.

1. Blanket application of Methyl-O-Demeton 25EC@0.03% during initial crop growth stage i.e. up to 40 DAG.
2. Two release of chrysopa @10,000 per hectare.
3. Three release of *Trichogramma chilonis* @2.5 lakh per hectare between 45 to 110 days.
4. Application of HNPV @450 L.U. per hectare for *Heliothis* & SNPV @250 L.U. per hectare for *Spodoptera*.
5. Application of Neem based pesticide @2 to 3 litre per hectare.
6. Endosulfan 35EC @2 Litre per hectare or Chloropyriphos 20 EC @2.5 Litre per hectare or Quinalphos 20 EC @ 500 ml.per hectare alternatively.
7. Collection & destruction of flaired squares ,locules green bolls egg masses &grown up larvae (ICBR 1:3.84