

# Pink Bollworm of cotton

*Pectinophora gossypiella*



Pink bollworm larva. Photo: NBAIR

Prevention	Monitoring	Direct Control	Direct Control	Restrictions
<ul style="list-style-type: none"> <li>• Destroy cotton sticks after harvest or remaining bolls</li> <li>• Burn affected bolls under heaps of cotton sticks</li> <li>• Turn the heaps over to expose bolls to sunlight</li> <li>• After the final picking, let livestock graze on unwanted bolls. This will help reduce the pest attack next season</li> <li>• Burn the debris of cotton ginning factories</li> <li>• Expose the seed of the next crop to sunlight (sun drying) for 8 hours one week before sowing</li> <li>• Irrigation should be avoided after 30th September.</li> <li>• Deep ploughing of the field after harvest by deep furrow turning plough</li> <li>• Do not apply nitrogenous fertiliser after 15th of August</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor the pest at flowering stage, twice a week</li> <li>• Look for twisted rosette flowers and bolls from the beginning of the flowering stage</li> <li>• Eggs can be found on the boll. The young then enter the boll, leaving a small entry wound, that looks like a spot later</li> <li>• The young pest is creamy white, turning to pink at maturity</li> <li>• The flower tip stays on if the pest is present in the boll. If not, the flower tip will shed as usual</li> <li>• Direct control measures are taken when 5 bolls or flowers per 100 are affected</li> </ul>	<ul style="list-style-type: none"> <li>• Use of <i>Trichogramma chilonis</i> cards to destroy eggs before they hatch. Use 10-15 cards per acre. Contact nearest government laboratory.</li> </ul>	<ul style="list-style-type: none"> <li>• Chlorantraniliprole @ 50 ml/acre (PHI of 21 days), Spinetoram @ 100-120 ml/acre, Lambda-cyhalothrin @330 ml/100l of water should be sprayed (PHI of 14 days), Spinosad @ 80ml/100l of water (PHI of 28 days)</li> </ul>	<ul style="list-style-type: none"> <li>• WHO Class U, WHO Class II, WHO Class U, These insecticides must be reapplied every 7-10 days to provide protection, When using chemicals, wear protective clothing such as masks, boots and gloves</li> </ul>



## Pakistan

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AUTHOR(S): Dr Aamir H. malik, Yasar Saleem Khan CABI CWA, Rawalpindi, a.malik@cabi.org,y.khan@cabi.org, Palwasha.khan86@yahoo.com +92 51 8317071

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