









**Division of Entomology,  
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## **Adhov Advisory for the Management of Apple Fruit Borer in the Infested Apple Orchards of Kashmir Valley (2026)**

Phenological Stage/Period	Months	Stage of Pest	Control Measures
<p><b>Overwintering</b></p> 	<p><b>January to February</b></p>		<ul style="list-style-type: none"> <li>• Survey and Monitoring</li> <li>• Mass Awareness among farmers and other stakeholders</li> <li>• Orchard sanitation through collection and destruction of fallen/infested fruits.</li> <li>• Unwrap and burn burlaped material.</li> <li>• Scrapping of dead bark and subsequent destruction of overwintered larvae</li> </ul>
	<p><b>March-April</b></p>		<ul style="list-style-type: none"> <li>• Monitoring of moth population through Pheromone baited traps @ 05-10 traps/ha.</li> <li>• If moths are trapped, then go for mass trapping of adults through pheromone baited traps @20 traps /ha</li> </ul>
<p><b>Fruit Let</b></p> 	<p><b>1<sup>st</sup> fortnight of May</b></p>		<ul style="list-style-type: none"> <li>• Mass trapping of moths through Pheromone baited traps @ 20 traps/ha.</li> <li>• <b>Chemical control Measures:</b> Chlorpyrifos 50 % EC + Cypermethrin 5% EC @ 100 ml/100 litre of water or</li> </ul>

**Phenological Stage/Period**

**Months**

**Stage of pest**

**Control Measures**

**Fruit Development-I**



**1<sup>st</sup> fortnight of June**



- Survey and Monitoring through pheromone baited traps @5-10 traps/ha
- If moths are trapped, go for mass trapping of adults through pheromone baited traps @20 traps /ha

**Fruit Development-II**



**2<sup>nd</sup> fortnight of June to 1<sup>st</sup> fortnight of July**



- Mass trapping of moths through pheromone baited traps @20 traps /ha
- **Chemical Control Measures:** Chlorpyrifos 50 % EC+ Cypermethrin 5% EC @ 100ml/100 litre of water

**Fruit Development-III**



**2<sup>nd</sup> fortnight of July to 1<sup>st</sup> fortnight of August**



- Orchard Sanitation
- Mass trapping of adults through pheromone baited traps @20 traps /ha
- If moths are trapped, spray with Chlorantraniliprole 18.5% SC @ 100ml/100 litres of water

**Phenological Stage/Period**

**Months**

**Stage of Pest**

**Control Measures**

**Fruit Development-IV**



**2<sup>nd</sup> fortnight of August to 1<sup>st</sup> fortnight of September**



- Survey and monitoring through pheromone baited traps @5-10 traps/ha
- Mass Awareness
- Orchard sanitation through collection and destruction of fallen fruits
- Burlapping/trunk banding with gunny bags

**Pre/ Post-harvest**



**October - December**



- Orchard sanitation through:
  - ✓ Collection and destruction of infested/fallen fruits
  - ✓ Collection and burning of tree pruned material
- Burlapping/Trunk banding with gunny bags

**Note:**

- ✓ Use pheromone-baited traps and change the lures and liners every 30 days
- ✓ The insecticides should not be mixed with any other plant protection chemical or plant nutrient
- ✓ Stick to the advisory in letter and spirit

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