



# Technical Bulletin for: Larch Shoot Borer

*Spilonota laricana* (Heinemann) • Lepidoptera, Tortricidae • SPILAR



<b>DISTRIBUTION</b>	Most of Europe (except the Iberian Peninsula and the Balkan Peninsula), China, Japan, Russia and the Nearctic ecozone.
<b>HOSTS</b>	Many species of Larch, including Eastern Larch
<b>DESCRIPTION</b>	
<b>Adult Moth</b>	Wingspan is 14-16 mm.
<b>Larvae</b>	Greenish gray body with very dark brown (almost black) head and prothoracic shield. Can grow up to 12 mm.
<b>Eggs</b>	
<b>LIFE HISTORY</b>	Adults fly between June and August. Larvae initially feed on needles, mining them, then overwinter in host tree, feeding on young buds in spring

## MONITORING INFORMATION

<b>LURE ACTIVE INGREDIENTS, SUBSTRATE &amp; FIELD LIFE</b>	Z8-14Ac and Z8-14OH in a Red Rubber Septum. Lure longevity: 30 days.	
<b>TRAP TO USE</b>	Paper/Plastic Delta Trap	
<b>MONITORING STRATEGY</b>	Hang traps in or nearby potential host trees starting in Summer, replacing lure as necessary through mating season. Check with Cooperative Extension or Master Gardener for local information and recommendations.	
<b>CULTURAL &amp; PHYSICAL CONTROL</b>	Check for damage on the shoots of host trees, including defoliated and/or dying shoots, and/or evidence of tunneling. Remove and dispose of infested regions as necessary.	

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