






# Technical Bulletin for: Chestnut Tortrix

*Cydia splendana* (Hübner) • Lepidoptera, Tortricidae • CYDSPL



<b>DISTRIBUTION</b>	Widely distributed throughout Europe.
<b>HOSTS</b>	Chestnut, European Chestnut, European Beech, Oak, Durmast Oak, English Oak, Red Oak, and Walnut.
<b>DESCRIPTION</b>	
<b>Adult Moth</b>	Wingspan of 12-16 mm. Forewings are greyish with slight “speckled” appearance caused by pale-tipped scales. Hindwings are a dark grayish-brown.
<b>Larvae</b>	Brownish to pale tan in color, up to 15 mm long.
<b>Eggs</b>	0.7x0.6 mm, whitish when laid, though embryo becomes visible as a purplish-red ring.
<b>LIFE HISTORY</b>	<i>Cydia splendana</i> completes a single annual generation. Adults are present in June to July in Central and Northern Europe and August to September in Southern Europe. Females lay eggs singly on young fruit or on leaves near fruit. Early instars tunnel into fruit and feed inside and a single fruit generally supports one larva. Larval-infested fruit drop to the ground early. Overwintering occurs as a late instar larva under bark or in the soil. Pupation occurs the following spring.

## MONITORING INFORMATION

<b>LURE ACTIVE INGREDIENTS, SUBSTRATE &amp; FIELD LIFE</b>	EE-8,10-12Ac in a Red Rubber Septum. Lure longevity: Thirty (30) days. 
<b>TRAP TO USE</b>	Red Paper or Plastic Delta Trap.  
<b>MONITORING STRATEGY</b>	In smaller fields, use one trap every 1 to 1 ½ acre. A minimum of two traps should also be used for fields of uneven topography. For larger fields (10 acres or greater) use 1-2 traps per five acres. Traps should be placed at approximately the same height as fruiting branches. Traps should be checked weekly or more frequently, depending on pest population. Check with Cooperative Extension or Master Gardener for local information and recommendations.
<b>CULTURAL &amp; PHYSICAL CONTROL</b>	Look for damage on nut kernels where holes have been bored and filled in with frass. Dispose of infested kernels, as high levels of such infestation can lead to significant crop losses, potentially to the point of killing the host tree.

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