

## Pest Profile



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**Common Name:** Pecan phylloxera

**Scientific Name:** *Phylloxera devastatrix*

**Order and Family:** Hemiptera, Phylloxeridae

**Size and Appearance:**

	Length (mm)	Appearance
<b>Egg</b>	2.5mm	<ul style="list-style-type: none"><li>• Small</li><li>• Light yellow in color</li></ul>
<b>Larva/Nymph</b>	2.5mm	<ul style="list-style-type: none"><li>• Resemble adults in appearance</li><li>• Slightly smaller than adult</li></ul>
<b>Adult</b>	~3mm	<ul style="list-style-type: none"><li>• Resemble aphids without cornicles (tubes on abdomen).</li><li>• Soft-bodied</li><li>• Cream-colored</li></ul>
<b>Pupa (if applicable)</b>		

**Type of feeder (Chewing, sucking, etc.):** Both larvae and adults have sucking mouthparts.

**Host plant/s:** Pecan trees

**Description of Damage (larvae and adults):**

Feeding done by the overwintered adult female pecan phylloxera results in galls forming on leaf veins, leaf rachises, catkins, and current season shoot and nut growth. Inside the gall, the female will lay her eggs and upon their hatching the nymphs will continue to feed on plant tissue.

During periods of high infestations, twigs and branches will become deformed as well as the tree having a knotty appearance. Occasionally, infestations will become severe enough to cause dieback. Galls may also form on pecans, causing them to become deformed, have stunted growth, or drop prematurely.

#### References:

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