

This short description was prepared in the framework of the EU FP7 project DROPSA - Strategies to develop effective, innovative and practical approaches to protect major European fruit crops from pests and pathogens (grant agreement no. 613678). This pest was listed in the DROPSA alert list for *Vaccinium* fruit.

**Choristoneura parallela (Lepidoptera: Tortricidae)**

**Fruit pathway:** larvae of second generation feed on cranberry fruit (Rutgers, no date). Occasionally, eggs are laid on cranberry fruit (Stuart and Polavarapu 1998).

**Other pathways:** plants for planting; on cranberry, larvae feed mainly on foliage, eggs are typically laid on leaves of weeds, occasionally also on cranberry leaves (Stuart and Polavarapu 1998). On North American pawpaw (*Asimina triloba*), the pest may damage flowers and leaves (Pomper and Layne, 2004).

**Hosts:** Herbaceous and woody plants, incl. *Vaccinium* (at least *V. macrocarpon* - Stuart and Polavarapu 1998), *Citrus*, *Rosa* (Brown et al., 2008), *Asimina triloba* (Pomper and Layne, 2004), ferns, *Malus*, *Salix*, *Fragaria*, *Aster*, *Rosa* (Averill and Sylvania, 1998).

**Distribution:** North America: Canada, USA (Averill and Sylvania, 1998).

**Damage:** on cranberries, *C. parallela* causes shoot browning and direct damage to fruit (Rutgers, nd). It was the most important cranberry pest in New Jersey, and sometimes a rose pest in greenhouses (Averill and Sylvania, 1998).

**Other information:** The common name 'spotted fireworm' is used in Rutgers (no date).

<b>Recorded impact:</b> Moderate (in the past)	<b>Intercepted:</b> Not known	<b>Spreading/invasive:</b> Not known
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**References:**

- Averill AL, Sylvania MM. 1998. Cranberry Insects of the Northeast: A Guide to Identification, Biology, and Management. UMass Extension. 112 pp.
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- Pomper KW, Layne DR. 2004. North American pawpaw. *Chronica horticultrae*, volume 44, no. 3, 11-15
- Rutgers. No date. Spotted Fireworm. Philip E. Marucci Center for Blueberry and Cranberry Research and Extension, New Jersey Agricultural Experiment Station, Rutgers University, New Jersey. <http://pemaruccicenter.rutgers.edu/> (accessed August 2015).
- Stuart RJ, Polavarapu S. 1998. Oviposition preferences of the polyphagous moth *Choristoneura parallela* (Lepidoptera: Tortricidae): effects of plant species, leaf size, and experimental design. *Environmental Entomology* 27(1): 102-109.