

Mini data sheet on *Dasineura oxycoccana*

Added in 1999 - Deleted in 2001

Reasons for deletion:

The risk presented by *Dasineura oxycoccana* for the EPPO region was considered to be low. As no further information about its possible impact in Italy could be obtained in 2001, it was therefore removed from the EPPO Alert List.

Dasineura oxycoccana (Diptera, Cecidomyiidae) - cranberry midge introduced into Italy

Why	<i>Dasineura oxycoccana</i> came to our attention as it has recently been introduced from North America into Europe (in Italy).
Where	USA. Introduced into Italy in 1996. In Italy, plants came from Austria and Germany, but initially originated from USA (details given during the Panel on Phytosanitary Measures meeting)
On which plants	North American <i>Vaccinium</i> spp. and hybrids (e.g. <i>V. ashei</i> , <i>V. corymbosum</i> , <i>V. macrocarpon</i>).
Damage	Larvae feed inside vegetative meristems and cause leaf distortion, blackening and death of young buds. Attacks of vegetative parts can affect the next season harvest. In Florida another type of damage is observed: larvae can attack flowering buds (20 to 80 % buds can be destroyed). This type of damage has not been observed in Italy.
Dissemination	As larvae pupate in the soil, soil can be a means of transporting the insect over long distances in addition to infested plants.
Pathway	<i>Vaccinium</i> plants for planting (fruits?), soil from USA and Italy.
Possible risks	North American <i>Vaccinium</i> are cultivated in Europe on small areas but these are valuable crops. For example, <i>V. corymbosum</i> is reported to be essentially cultivated in Germany, France, Italy, Netherlands, Poland and Romania. No data is given on the possible host status of <i>V. myrtilus</i> . As larvae live inside the plants and pupate in the soil, this could render detection difficult. Chemical control appears to be difficult, as several generations overlap during the year.
Source(s)	Bosio, G.; Bogetti, C.; Brussino, G.; Gremo, F.; Scarpelli, F. (1998) [<i>Dasineura oxycoccana</i> , a new pest of blueberry (<i>Vaccinium corymbosum</i>) in Italy.] Informatore Fitopatologico, no.11, 36-41.
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