



The pests included in Table 1 are known to be associated with *M. domestica* and are regulated by at least one IPPC contracting party. The list of pests is not intended to be exhaustive.

Table 1: Pests associated with fresh *Malus domestica* fruit **\*EU regulations also cover Northern Ireland.**

Pest type	Family	Species	Country/Territory
Insect (Coleoptera)	Curculionidae	<i>Anthonomus pomorum</i>	India, Mexico, United States of America
Insect (Coleoptera)	Curculionidae	<i>Anthonomus quadrigibbus</i>	China, EU, Great Britain.
Insect (Coleoptera)	Byturidae	<i>Byturus tomentosus</i>	India, United States of America
Insect (Coleoptera)	Attelabidae	<i>Rhynchites bacchus</i>	China
Insect (Diptera)	Tephritidae	<i>Anastrepha fraterculus species complex</i>	EU, Moldova, Morocco, New Zealand, Tunisia, United States of America.
Insect (Diptera)	Tephritidae	<i>Anastrepha serpentina</i>	EU, Morocco, Mexico, New Zealand, United States of America
Insect (Diptera)	Tephritidae	<i>Bactrocera dorsalis species complex</i>	EU, Mexico, Moldova, Morocco, New Zealand, Tunisia, United States of America
Insect (Diptera)	Tephritidae	<i>Bactrocera tryoni</i>	EU, Great Britain, India, Mexico, Moldova, Morocco, New Zealand, Tunisia, United States of America.
Insect (Diptera)	Tephritidae	<i>Ceratitis capitata</i>	Belarus, India, Mexico, Moldova, New Zealand, Territory of Taiwan, Thailand, United States of America
Insect (Diptera)	Tephritidae	<i>Ceratitis rosa</i>	EU, India, Israel, Mexico, Moldova, Morocco, New Zealand, Tunisia
Insect (Diptera)	Cecidomyiidae	<i>Dasineura mali</i>	China,
Insect (Diptera)	Tephritidae	<i>Rhagoletis pomonella</i>	Belarus, Canada, EU, Great Britain, India, Mexico, Moldova, Morocco, New Zealand, Norway, Tunisia
Insect (Diptera)	Tephritidae	<i>Rhagoletis spp</i>	China, EU, Israel
Insect (Hemiptera)	Diaspididae	<i>Diaspidiotus pyri</i>	Canada
Insect (Hemiptera)	Aphididae	<i>Eriosoma lanigerum</i>	China, Norway,
Insect (Hemiptera)	Diaspididae	<i>Lepidosaphes ulmi</i>	China, India, Mexico
Insect (Hemiptera)	Pseudococcidae	<i>Pseudococcus calceolariae</i>	Belarus, India, Israel, Morocco
Insect (Hemiptera)	Pseudococcidae	<i>Pseudococcus comstocki</i>	Belarus, India, Israel, Mexico, Morocco

Insect (Hemiptera)	Pseudococcidae	<i>Pseudococcus viburni</i>	China, India, Mexico
Insect (Hymenoptera)	Tenthredinidae	<i>Ametastegia glabrata</i>	India
Insect (Hymenoptera)	Tenthredinidae	<i>Hoplocampa testudinea</i>	India, China
Insect (Lepidoptera)	Tortricidae	<i>Acleris senescens</i>	EU, Great Britain, Switzerland.
Insect (Lepidoptera)	Tortricidae	<i>Acropolitis rudisana</i>	Canada
Insect (Lepidoptera)	Tortricidae	<i>Adoxophyes orana</i>	Canada, India, Israel, Mexico, Morocco, Thailand, United States of America
Insect (Lepidoptera)	Gelechiidae	<i>Anarsia lineatella</i>	Territory of Taiwan
Insect (Lepidoptera)	Tortricidae	<i>Archips podanus</i>	India
Insect (Lepidoptera)	Tortricidae	<i>Archips rosana</i>	India, Morocco
Insect (Lepidoptera)	Tortricidae	<i>Argyrotaenia ljugiana</i>	Canada, United states of America
Insect (Lepidoptera)	Carposinidae	<i>Carposina sasakii</i>	Belarus, Canada, EU, Great Britain, Israel, Mexico, Morocco, New Zealand
Insect (Lepidoptera)	Tortricidae	<i>Choristoneura rosaceana</i>	EU, Great Britain, Morocco
Insect (Lepidoptera)	Tortricidae	<i>Cydia pomonella</i>	Canada, China, India
Insect (Lepidoptera)	Tortricidae	<i>Epiphyas postvittana</i>	Canada, India, Mexico, Morocco, United States of America
Insect (Lepidoptera)	Pyalidae	<i>Euzophera bigella</i>	Canada
Insect (Lepidoptera)	Pyalidae	<i>Euzophera pyriella</i>	Canada
Insect (Lepidoptera)	Tortricidae	<i>Grapholita dimorpha</i>	Canada
Insect (Lepidoptera)	Tortricidae	<i>Grapholita funebrana</i>	Canada, India, Israel, Mexico, Thailand, United States of America
Insect (Lepidoptera)	Tortricidae	<i>Grapholita inopinata</i>	Canada, EU, Great Britain, India, Israel, Mexico, Morocco, Tunisia
Insect (Lepidoptera)	Tortricidae	<i>Grapholita lobarzewskii</i>	Canada
Insect (Lepidoptera)	Tortricidae	<i>Grapholita molesta</i>	Belarus, Canada, India, Israel, Mexico, Thailand, Tunisia
Insect (Lepidoptera)	Tortricidae	<i>Grapholita packardi</i>	China, EU, Great Britain, Israel, Mexico, Morocco, Tunisia
Insect (Lepidoptera)	Tortricidae	<i>Grapholita prunivora</i>	China, EU, Great Britain, Israel, Mexico, Morocco, Norway, Tunisia
Insect (Lepidoptera)	Crambidae	<i>Leucoptera malifoliella</i>	Canada, India, United States of America
Insect (Lepidoptera)	Tortricidae	<i>Pandemis cerasana</i>	India
Insect (Lepidoptera)	Tortricidae	<i>Pandemis heparana</i>	India, Mexico

Insect (Lepidoptera)	Noctuidae	<i>Peridroma saucia</i>	India
Insect (Lepidoptera)	Tortricidae	<i>Platynota stultana</i>	Morocco, Great Britain
Insect (Lepidoptera)	Tortricidae	<i>Spilonota albicana</i>	Canada, Mexico
Insect (Lepidoptera)	Tortricidae	<i>Spilonota ocellana</i>	India, Mexico
Insect (Thysanoptera)	Thripidae	<i>Frankliniella occidentalis</i>	India, Morocco, Territory of Taiwan, Tunisia
Mites (Acari)	Eriophyidae	<i>Aculus schlechtendali</i>	India
Mites (Acari)	Tetranychidae	<i>Amphitetranynchus viennensis</i>	Canada, India, Mexico, United States of America
Mites (Acari)	Tetranychidae	<i>Panonychus ulmi</i>	China, Thailand
Bacteria	Erwiniaceae	<i>Erwinia amylovora</i>	Belarus, China, India, Moldova, Morocco, Norway, Thailand, Tunisia
Bacteria	Pseudomonadaceae	<i>Pseudomonas cichorii</i>	Mexico, Thailand
Bacteria	Pseudomonadaceae	<i>Pseudomonas viridiflava</i>	Mexico, Thailand
Bacteria	Pseudomonadaceae	<i>Pseudomonas syringae</i> pv. <i>papulans</i>	India
Fungi	Botryosphaeriaceae	<i>Botryosphaeria kuwatsukai</i>	EU, Great Britain, Israel, Mexico, Tunisia, United States of America.
Fungi	Sclerotiniaceae	<i>Botrytis cinerea</i>	India
Fungi	Pucciniaceae	<i>Gymnosporangium clavipes</i>	China, Great Britain, Mexico, Morocco, Norway, Tunisia,.
Fungi	Sclerotiniaceae	<i>Monilinia fructicola</i>	China, Israel, Moldova, Morocco, Norway, Tunisia
Fungi	Sclerotiniaceae	<i>Monilinia fructigena</i>	Canada, India, Mexico, New Zealand, Russian Federation, United States of America
Fungi	Sclerotiniaceae	<i>Monilinia polystroma</i>	Canada
Fungi	Dermateaceae	<i>Neofabraea alba</i>	China
Fungi	Dermateaceae	<i>Neofabraea malicorticis</i>	China, India
Fungi	Nectriaceae	<i>Neonectria ditissima</i>	Israel
Fungi	Botryosphaeriaceae	<i>Phyllosticta solitaria</i>	EU, Great Britain, Israel, Mexico, Moldova, Morocco, Norway, Tunisia,.
Fungi	Peronosporaceae	<i>Phytophthora cambivora</i>	China
Fungi	Peronosporaceae	<i>Phytophthora cryptogea</i>	India, Mexico, Thailand
Fungi	Venturiaceae	<i>Venturia inaequalis</i>	China, India
Fungi	Venturiaceae	<i>Venturia pyrina</i>	India

Virus/Viroid	Pospiviroidae	Apple dimple fruit viroid	Great Britain, Israel
Virus/Viroid	Pospiviroidae	Apple fruit crinkle viroid	China, EU
Virus/Viroid	Secoviridae	Cherry rasp leaf virus	Canada, EU, Great Britain, Israel, Mexico, Moldova, Morocco, Norway, Tunisia

**References**

**Eppo Global database:-** <https://gd.eppo.int/>

**UK Plant Health Risk Register: -** <https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/>

**Malus commodity documents provided by the following NPPOs of the following countries:-**  
Canada, Germany, India, Territory of Taiwan, Thailand and New Zealand.