

EXTRAPOLATION TABLE for EFFECTIVENESS of INSECTICIDES

► STONE FRUIT ^a

Pest		Crop: pome and stone fruit ^{b c}			
1 ^d Pest species	2 Extrapolation to pest group	3 ^e Indicator crops	4 Extrapolation to other crops	5 ^f Data from other crops (or crop groups) that enables reduced data on the indicator crops (or no data *)	6 ^g Data on indicator crops that permits extrapolation to other crops (or crop groups) with reduced data (or no data *)
<i>Myzus persicae</i> MYZUPE,	Aphids	Peach <i>Prunus persica</i> PRNPS	Nectarine <i>P. persica</i> var. <i>nucipersica</i> PRNPN) apricot <i>Prunus armeniaca</i> PRNAR) almond <i>Prunus dulcis</i> PRNDU		Plum <i>Prunus domestica</i> PRNDO
<i>M. cerasi</i> MYZUCE,	Aphids	Cherry <i>Prunus avium</i> PRNAV	<i>Prunus cerasi</i> PRNCE		
<i>Brachycaudus prunicola</i> APPEPR, <i>Hyalopterus pruni</i> HYALPR desirable	Aphids Extrapolation on <i>Phorodon humuli</i> not possible	Plum <i>Prunus domestica</i> PRNDO	Damson <i>Prunus damascena</i> PRNDD	Almonds	
<i>Pseudaulacaspis pentagona</i> PSEAPE, <i>Parthenolecanium corni</i> LECACO, <i>Eulecanium tiliae</i> LECATI	soft scales <i>Coccidae</i>	Peach	Apricot, nectarine, almond	Other relevant crops	Kiwi
<i>Thrips meridionalis</i> THRIME <i>Frankliniella occidentalis</i> FRANOC,	Thrips	Peach	Pome or stone fruit		

<u><i>Metcalfa pruinosa</i></u> METFPR	Hoppers	Peach	Pome and Stone fruit	Apple, pear	ornamental trees
<u><i>Aculus schlechtendali</i></u> VASASD, <i>Aculus fockeui</i> VASAFL, <i>Phyllocoptes gracilllis</i> ACEIGR	Rust mites	Plum	Pome fruit and plum		Ornamental trees, Raspberries (because of <i>Phyllocoptes gracilllis</i>)
<u><i>Epirimerus pyri</i></u> EPITPI, <i>Eriophyes pyri</i> ERPHPI, <i>Eriophyes similis</i> ERPHSI	Gall mites Eriophyidae	Plum	Pome fruit and plum		Ornamental trees Raspberries (because of <i>Phyllocoptes gracilllis</i>)
<u><i>Panonychus ulmi</i></u> METTUL, <u><i>Tetranychus urticae</i></u> TETRUR, <i>T. viennensis</i> TETRVI, <i>Bryobia rubricolus</i> BRYORU	Spider mites	Peach	Stone and pome fruit	citrus fruit	Other relevant crops
<u><i>Adoxophyes orana</i></u> CAPURE and one of the following: <i>Cacoecia podana</i> CACOPO, <i>Cacoecia rosana</i> CACORO, <i>Pandemis heparana</i> PANDHE, <i>Argyroploce variegana</i> ARGPVA, <i>Cacoecia costana</i> CACOCO, <i>Enarmonia formosana</i> ENARFO, <i>Argyroploce pruniana</i> ARGPPR, <i>Tmetocera ocellana</i> TMETOC, <i>Hedya nubiferana</i> ARGPVA	Tortricidae (Leaf roller moths)	Peach	Pome and stone fruit	Any other pome or stone fruit	ornamental trees
<u><i>Cydia funebrana</i></u> LASPFU	Tortricidae (leaf roller moths)	plum	Damsons all subspecies of <i>P. domestica</i>		
Data on any two of: <i>Lyonetia clerkella</i>	Leaf miners	Any relevant stone fruit	Pome or stone fruit		

LYONCL, <i>Phyllonorycter blancardella</i> LITHBL , <i>P. corylifoliella</i> PRYCCO, <i>Leucoptera malifoliella</i> LEUCSC, <i>Stigmella malella</i> NEPTMA					
<u><i>Anarsia lineatella</i></u> ANARLI	Stem borers	peach	Stone fruit	Any other stone fruit	
<u><i>Orthosia spp.</i></u> ORTOSP	Noctuids	Cherry or plum	Pome and stone fruit	ornamental shrubs	
<u><i>Operophtera brumata</i></u> CHEIBR	Winter moths Geometridae	Cherry or plum	Pome and stone fruit	ornamental shrubs	
<i>Orgyia antiqua</i> ORGYAN	Lymantriidae	Cherry or plum	Pome and stone fruit	ornamental shrubs	
Data on any two of: <i>Hoplocampa testudinea</i> HOPLTE, <i>Taxonus glabratus</i> TAXOGL, <i>Hoplocampa flava</i> HOPLFL, <i>Hoplocampa spp.</i> , HOPLSP, <i>H. Brevis</i> HOPLBR, <i>Eriocampoides limacina</i> ERICLI	Sawflies	Any relevant stone fruit	Pome or stone fruit		
<u><i>Ceratitis capitata</i></u> CERTCA	Fruit flies	Peach	Pome and stone fruit,	Citrus	Kiwi*
<i>Rhagoletis cerasi</i> RHAGCE	Fruit flies	Cherry			
<i>Peritelus sphaeroides</i> PERESH, <i>Polydrusus spp</i> POLOSP, <i>Phyllobius spp</i> PLL BSP,	Weevils (leaf-eaters)	Any stone fruit	Pome or stone fruit		

<i>Otiorrhynchus impressiventris</i> , <i>Byctiscus betulae</i> <u>BYCTBE</u>					
<i>Rhynchites coeruleus</i> RNCHCA, <i>Rhynchites pauxillus</i> COENPA	Weevils (buds-damaging)	Any stone fruit	Pome or stone fruit		
<i>Rhynchites bacchus</i> RNCHBA, <i>Rhynchites aequatus</i> COENAQ, <i>Furcipes rectirostris</i> ANTHRE	Weevils (fruit damaging)	Any stone fruit	Pome or stone fruit		
<u><i>Capnodis tenebrionis</i></u> CAPNTE	Buprestidae	apricot	peach		

^a This table should be used in conjunction with the EPPO Standard PP 1/257 Efficacy and crop safety extrapolations for minor uses. The scope for extrapolation may be extended as data and experience with a certain plant protection products increases.

^b All reference to peaches is also inclusive of nectarines.

^c For pests that are not host specific it may be possible to extrapolate from or to a wider range of relevant crops.

^d Where use against a pest group is sought (e.g. aphids) the named pests for which data should be provided are underlined in the 'pest species' column. The list of species is not exhaustive. Companies may choose to only generate data for an individual or a range of named species if a claim for a pest group is not required. Companies may identify pests within a group where efficacy has not been demonstrated. There is scope to extrapolate between the different pest groups, particularly those with closely related feeding behaviours.

^e Note that it is commonly preferable to have data on several of the crops within the crop group, but data on the indicator crop should be available.

^f Column 5 identifies whether data from other crops against the same pest may enable a reduction in the amount of data required on the indicator crop (or no data on the indicator crop if the other crop is marked with an asterisk (*)). If this column is blank, the use of data from other crops is not possible/relevant.

^g Where extrapolation to other crops or crop groups is acceptable, then this is indicated in column 6. In column 6 crops marked with an asterisk (*) indicate that no data are required if appropriate data on the indicator crop is present.