

GENERIC EXTRAPOLATION TABLES for EFFECTIVENESS of INSECTICIDES

► Thrips

INTRODUCTION

The table provides detailed lists of acceptable extrapolations, for regulatory authorities and applicants, in the context of the registration of plant protection products for minor uses. The table should be used in conjunction with the EPPO Standard PP1/257(1) - *Efficacy and crop safety extrapolations for minor uses*. It is important to ensure that expert judgment and regulatory experience are employed when using these tables. EPPO excludes liability as to the reliability of the information provided through these tables.

The scope for extrapolation may be extended as data and experience with a certain plant protection product increases. The applicant should always provide appropriate justification and information to support the proposed extrapolation. For example, comparability of target biology may be a relevant factor, either in extrapolating to other target species or for the same target onto another crop. For crops, factors such as comparable growth habit, structure etc. should be considered.

TABLE FORMAT

The main pest species are listed in Column 1 (although this is not exhaustive), and the pest group to which they belong is specified in Column 2. Companies may choose if they wish to provide data only for individual named species, which would then appear individually listed on the label. But underlined species have been identified as key major targets and as such it is advisable to generate data on these. Furthermore, data on these species then allow a claim to be made for the whole pest group (as specified in Column 2), if required. If a claim for the whole pest group is required but there is no underlined species, then data must be generated on all listed species.

Column 3 indicates the key indicator crop(s). In some instances this may be only one specified crop. In other cases, when separated by an 'or', the company may choose from a range of alternatives within the group. Data generated on crops in Column 3 may be used to extrapolate to all crops listed in Column 4.

GENERIC EXTRAPOLATION TABLE for EFFECTIVENESS of INSECTICIDES

► THRIPS

Thrips on outdoor crops:

Pests		Crops	
1 Pest species	2 Pest group name	3 Indicator crops <i>Data from any other relevant crop, if available, can support (reduced data) the indicator crop(s)</i>	4 Extrapolation to other crops or crop groups
Thripidae 1THRIF (except <i>Thrips tabaci</i> THRITB and <i>F. occidentalis</i> FRANOC see below) e.g. <i>T. fuscipennis</i> THRIFU, <i>T. angusticeps</i> THRIAN, <i>F. intonsa</i> FRANIT, <i>Kakothrips pisivorus</i> (=K. <i>robustus</i>) KAKORO	Thrips	'Peas and Beans' or Solanaceae 1SOLF or Peach PRNPS or Strawberry FRAAN	All other relevant crops effected by thrips under field conditions
<i>Thrips tabaci</i> THRITB ¹	Onion thrips	Leek ALLPO or Onion ALLCE and Head cabbage BRSOL or Brussels sprouts BRSOF	All other relevant crops effected by thrips under field conditions except Strawberry, peas and beans
		Strawberry FRAAN or 'Peas and beans'	All other relevant crops effected by thrips under field conditions except head brassicas, leek and onion

¹ Different data packages have to be proposed if products claim to have an effect on crops on which *Thrips tabaci* THRITB has different behaviour.

<u>Frankliniella occidentalis</u> FRANOC	Alfalfa thrips	Sweet pepper CPSAN or Eggplant SOLME or Cucumber CUMSC or Melon CUMME or Tomato LYPES or Table grapes or Peach PRNPS or Strawberry FRAAN	All other relevant crops effected by <i>F. occidentalis</i> under field conditions
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Thrips on glasshouse crops:

Pests		Crops	
1 Pest species	2 Pest group name	3 Indicator crops <i>Data from any other relevant crop, if available, can support (reduced data) the indicator crop(s)</i>	4 Extrapolation to other crops or crop groups
<u>Frankliniella occidentalis</u> FRANOC, <i>Thrips tabaci</i> THRITB (and other thrips species)	Thrips	<i>Chrysanthemum</i> 1CHYG or <i>Saintpaulia</i> SNPIO or Cyclamen CYZPE	All other relevant crops affected by <i>F. occidentalis</i> under protected conditions
		Sweet pepper CPSAN or Eggplant SOLME or Cucumber CUMSC or French beans PHSSS	
		Strawberry FRAAN	
<u>Echinothrips americanus</u> ECHTAM, <i>Parthenothrips dracena</i> PAREDR	Thrips	<i>Spathiphyllum</i> SQFSS or <i>Dieffenbachia</i> DIFSS or <i>Hibiscus</i> 1HIBG	Ornamentals
		Sweet pepper CPSAN	Fruiting vegetables French beans PHSVX