

GENERIC EXTRAPOLATION TABLE for EFFECTIVENESS of NEMATOCIDES

► NEMATODES

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.

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NEMATODES		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
Any relevant species among: <i>Meloidogyne</i> sp. MELGSP (e.g. <i>M. hapla</i> MELGHA or <i>M. incognita</i> MELGIN, <i>M. chitwoodi</i> MELGCH, <i>M. fallax</i> MELGFA, <i>M. arenaria</i> MELGAR, <i>M. javanica</i> MELGJA)	Root knot nematodes (indoor)	Tomato LYPES, or Cucumber CUMSA, or Melon CUMME or Strawberry FRAAN	Any other relevant crop
Any relevant species among: <i>Meloidogyne</i> sp. MELGSP (e.g. <i>M. hapla</i> MELGHA or <i>M. incognita</i> MELGIN, <i>M. chitwoodi</i> MELGCH, <i>M. fallax</i> MELGFA, <i>M. arenaria</i> MELGAR, <i>M. javanica</i> MELGJA)	Root knot nematodes (outdoor)	Carrot or Potatoes or Strawberry FRAAN	Any other relevant crop
<i>Pratylenchus penetrans</i> PRATPE	Root lesion nematodes	Potato SOLTU or Carrot DAUCS or Strawberry FRAAN	Any other relevant crop
		Rose ROSSS or <i>Narcissus</i> sp. NARSS or <i>Lilium</i> sp. LILSS	

Any relevant species among: <i>Trichodoridae</i> spp. 1TRIH <i>Pratylenchus</i> spp. 1PARAG <i>Rotylenchus</i> spp. 1ROTLG	Free living nematodes	Carrot DAUCS or Onion ALLCE or Leek or Potatoes SOLTU or Bulb flowers	Any other relevant crop
<i>Longidorus</i> spp. 1LONGG or <i>Xiphinema</i> spp. 1XIPHG		Strawberry FRAAN or Stone fruit or Grapes VITVI	Any other relevant crop
<i>Globodera rostochiensis</i> HETDRO or <i>G. pallida</i> HETDPA	Cyst nematodes	Potato SOLTU	Any other relevant crop
<i>Heterodera schachtii</i> HETDSC or <i>H. betae</i> HETDBT		Tomato LYPES	
<i>H. carotae</i>		Sugar beet BEAVA or Small radish RAPSR	
		Carrot DAUCS	
<i>Ditylenchus dipsaci</i> DITYDI	Stem and bulb nematodes	Onion ALLCE or Field bean VICFX or Garlic ALLSA or Alfalfa MEDSA or Carrot DAUCS	Any other relevant crop
		<i>Liliaceae</i> 1LILF	
<i>Aphelenchoides fragariae</i> APLOFR, <i>A. ritzemabosi</i> APLORI	Leaf nematodes	Strawberry FRAAN	Any other relevant crop
		Chrysanthemum (<i>Dendranthema japonense</i>) DDMJA, <i>Anemone</i> sp. ANMSS or <i>Paeonia</i> sp. PAOSS	
<i>Aphelenchoides besseyi</i> APLOBE		Rice ORYSA or Strawberry FRAAN	Any other relevant crop