



# Chemicals available for the control of Tomato potato psyllid (domestic use)

'Domestic Use' chemicals can be used by non-commercial properties including:

- backyard (residential) gardeners
- school gardeners
- community and shire gardeners
- hobby farm gardeners



Tomato potato psyllid adults and nymphs on the back of a leaf.

Table 1. Products registered for domestic (home garden) use

Product name	Active ingredient	Rate of application	Comments
Bayer Advanced Lawn® and Garden Insecticide	25g/L beta cyfluthrin	2-4mL/5L water	Very toxic to fish and other aquatic life. Spray thoroughly on top and underside of leaves. Do not pick tomatoes for 1 day after spraying, all other vegetables 7 days after spraying.
Yates® Baythroid® Lawn Grub and Garden Insecticide	12.5g/L cyfluthrin	3mL/1L water	Dangerous to fish. Only for use in tomato, do not pick for 1 day after spraying. Spray plant thoroughly on top and underside of leaves.
David Grays Bug Gun	20g/L permethrin	ready to use, apply weekly	Spray all foliage thoroughly on top and underside of leaves.

Important disclaimer

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**Table 2. Products available for use under Agricultural Pesticides and Veterinary Medicines Authority Permit PER84063**

<b>Product name</b>	<b>Active ingredient</b>	<b>Rate of application</b>	<b>Comments*</b>
Yates Success Ultra Insect Control	Spinetoram	Mix 5mL/1L water	Apply every 7-14 days, ensure that all foliage is treated including the underside of leaves
Success Neo Insect Control		Mix 0.2-0.4mL/1L water	
Abrade Abrasive Barrier Insecticide	Amorphous Silica	Apply 0.25-0.5mL/10m <sup>2</sup>	Apply 6-7 days apart.
Aphid Spray Natural Pyrethrum Insect Spray	Pyrethrins, Piperonyl Butoxide	Ready to use	Apply 7 days apart.
Yates Slay-Afe Pyrethrum Insecticide		Ready to use	Dangerous to fish. Do not use on seedlings, do not apply when plants are dry and suffering from moisture stress.
Hortico Insect Ready to Spray Tomatoes and Vegetables		Ready to use	Dangerous to fish. Apply weekly if required, do not pick for 1 day after spraying. Do not apply when soil is dry and plants are suffering from moisture stress.
Hortico Insect Killer Concentrated Natural Pyrethrum		Mix 20mL/1L water	Dangerous to fish. Apply weekly if required, do not pick for 1 day after spraying.
Richgro Beat-A-Bug® Insect Spray		Mix 25mL/1L water	Dangerous to bees, do not spray into ponds. Do not apply when plants are dry and suffering from moisture stress. Do not pick for 1 day after spraying.
Richgro Beat-A-Bug® naturally Based Insect Spray Concentrate		Mix 10-20mL/800mL water	Dangerous to fish and bees. Do not apply when plants are dry and suffering from moisture stress. Do not pick for 1 day after spraying.
Richgro Pyrethrum Naturally Based Insect Killer		Ready to use	Dangerous to fish. Do not apply to young seedlings; do not apply if plants are dry and suffering from moisture stress. Do not pick for 1 day after spraying.
Beat-A-Bug® Natural Pyrethrum Insect Spray Broad Spectrum Control		Ready to use	Ensure thorough coverage, do not pick for 1 day after spraying, and do not apply to young seedlings.
Kendon Pyrethrum Insect Killer		Mix 30mL/5L	Ensure thorough coverage, do not pick for 1 day after spraying.
Heiniger Pyrethrum Spray Insecticide		Mix 1mL/1L	Ensure thorough coverage, do not pick for 1 day after spraying.
Yates® Nature's Way® Vegie and Herb Spray Concentrate Natrasoap® Pest Spray	Potassium salts of fatty acids	Mix 15-30mL/1L	Apply to run-off, every 5-7 days or as required. Do not use on delicate plants.

Table 2. **Products available for use under Agricultural Pesticides and Veterinary Medicines Authority Permit PER84063** continued

Product name	Active ingredient	Rate of application	Comments*
Eco-oil miticide/insecticide botanical oil Ready to Use	Emulsifiable botanical oil	Ready to use	Apply two sprays, 3-5 days apart. Spray upper and lower side of leaves to run-off.
Plant Olive Oil Pesticide (POOP) Miticide/Insecticide Concentrate		Mix 5mL/1L water	Apply two sprays, 3-5 days apart. Spray upper and lower side of leaves to run-off. Do not apply when shade temperatures exceed 32°C, or when soil is dry and plants are suffering from water stress.
Eco-oil miticide/insecticide botanical oil Concentrate		Mix 5mL/1L water*	Apply two sprays, 3-5 days apart. Spray upper and lower side of leaves to run-off.
Sharp Shooter Enviro Pest Oil Concentrate	Paraffinic oil	Mix 2.5-20mL/1L clean water	Note that as paraffin oils can burn plants, test product on a section of the plant first. Do not apply when shade temperatures exceed 32°C, or when soil is dry and plants are suffering from water stress.
Oil for Bugs		Mix 5-30mL in 1L water	
Sharp Shooter Enviro Pest Oil Ready To Use Insect Spray		Ready to use	
Oil for Bugs Ready To Use		Ready to use	
Multicrop EcoPest® Oil Ready to Use Insect Spray		Ready to use	
David Grays White Oil Garden Insecticide	Petroleum oil	Ready to use	Note that as petroleum oil can burn plants, test product on a section of the plant first. Do not apply when if shade temperatures 32° C, when soil is dry and plants are suffering from water stress. Fruit may be picked 1 day after application.
Yates White Oil Insect Pest Killer		Ready to use	
Brunnings White Oil Garden Insecticide		Ready to use	
Richgro Clear White Oil Insecticide		Mix 2.5-5mL in 1L water	
Sharp Shooter White Oil Insecticide		Mix 2.5-20mL/1L water	
Searles® White Oil Insect Control Spray		Mix 2.5-20mL/1L water	
Ready to use Pest Oil Insect Control Spray		Ready to use	
Amgrow White Oil		Ready to use	
Gard & Grow White Oil Insecticide Spray		Ready to use	
Pest Oil Ready to Use Insect Control Spray		Ready to use	

\* Read label first before spraying