

UK Pesticide Guide

DECIS PROTECH

Product Details



Registration Number:	16160	Marketing Company:	Bayer CropScience
Formulation:	Oil in water emulsion	Active Substance:	deltamethrin
Pesticide Contents:	15 g/l	Pack Size:	1 litre
For use only as:	Agricultural insecticide, Horticultural insecticide	Transport Code:	3
Packaging Group:	3	UN Number:	1993
Mode of Action Code:	IRAC 3	Approval Expiry:	30 April 2024

Statutory Information Compliance with these conditions of use is a legal requirement

Targets	Maximum Dose	Maximum Treatments	Latest Application	Harvest Interval	Restrictions	* EAMU Number	EAMU Expiry
Amenity vegetation Aphids, Capsids, Caterpillars, Mealybugs, Scale insects, Thrips, Whitefly	120 ml/100 litres water (HV)	3 per year	n/a	[No Data]	[No Data]	[No Data]	[No Data]
Apples Aphids, Apple sucker, Capsids, Caterpillars, Codling moth, Sawflies, Tortrix moths	580 ml in 200 litres water min/ha or 33 ml/100 litres water (HV)	1.74 l/ha/crop	[No Data]	7 days	Max conc 33 ml product/100 litres water for HV application	[No Data]	[No Data]
Blackberries Caterpillars, Raspberry beetle, Bramble shoot moth	830 ml/ha	2490 ml/ha/year	[No Data]	7 days	[No Data]	20131673	2024-04-30 00:00:00.000
Blackcurrants Capsids, Caterpillars, Sawflies, Thrips	400 ml/ha	2 per crop	[No Data]	7 days	[No Data]	20190635	2024-04-30 00:00:00.000
Borecole Aphids, Caterpillars, Flea beetle, Whitefly	0.5 l/ha	3 per crop	[No Data]	21 days	[No Data]	20201050	2024-04-30 00:00:00.000
Broad beans Pea and bean weevil	500 ml/ha	1.0 l/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
Brussels sprouts Caterpillars	500 ml/ha	1.0 l/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
Cabbages Caterpillars	500 ml/ha	1.0 l/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
Carrots Carrot fly, Cutworms	500 ml/ha	1500 ml/ha/crop	[No Data]	21 days	[No Data]	20131672	2024-04-30 00:00:00.000
Cauliflowers Caterpillars	500 ml/ha	1.5 l/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
Celeriac Aphids, Caterpillars, Thrips, Weevils, Leaf beetle	500 ml/ha	1 per year	Crop cover complete or 30 days before harvest	30 days	[No Data]	20190679	2024-04-30 00:00:00.000

Targets	Maximum Dose	Maximum Treatments	Latest Application	Harvest Interval	Restrictions	* EAMU Number	EAMU Expiry
Celery (outdoor) Aphids, Capsids, Caterpillars, Cutworms, Flea beetle	0.5 l/ha	3 per crop	[No Data]	7 days	[No Data]	20201053	2024-04-30 00:00:00.000
Collards Aphids, Caterpillars, Flea beetle, Whitefly	0.5 l/ha	3 per crop	[No Data]	21 days	[No Data]	20201050	2024-04-30 00:00:00.000
Combining peas Pea and bean weevil, Pea midge, Pea moth	500 ml/ha	1.0 l/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
Cress Aphids, Caterpillars, Flea beetle	420 ml/ha	1260 ml/ha/crop	[No Data]	7 days	[No Data]	20131670	2024-04-30 00:00:00.000
Dwarf beans Gall midge, Pea and bean weevil, Pea aphid, Pea moth, Peach-potato aphid, Silver Y moth, Thrips, Black bean aphid	500 ml/ha	2 per crop	[No Data]	7 days	[No Data]	20190678	2024-04-30 00:00:00.000
Edible podded peas Gall midge, Pea and bean weevil, Pea aphid, Pea moth, Peach-potato aphid, Silver Y moth, Thrips, Black bean aphid	500 ml/ha	2 per crop	[No Data]	7 days	[No Data]	20190678	2024-04-30 00:00:00.000
Endives Aphids, Caterpillars, Flea beetle	420 ml/ha	1260 ml/ha/crop	[No Data]	7 days	[No Data]	20131670	2024-04-30 00:00:00.000
Evening primrose Aphids, Caterpillars, Insect pests	330 ml/ha	330 ml/ha/crop	Before first flower opened	[No Data]	[No Data]	20142584	2024-04-30 00:00:00.000
Fennel Aphids, Capsids, Caterpillars, Cutworms, Flea beetle	0.5 l/ha	3 per crop	[No Data]	7 days	[No Data]	20201053	2024-04-30 00:00:00.000
French beans Gall midge, Pea and bean weevil, Pea aphid, Pea moth, Peach-potato aphid, Silver Y moth, Thrips, Black bean aphid	500 ml/ha	2 per crop	[No Data]	7 days	[No Data]	20190678	2024-04-30 00:00:00.000
Gooseberries Capsids, Caterpillars, Sawflies, Thrips	400 ml/ha	2 per crop	[No Data]	7 days	[No Data]	20190635	2024-04-30 00:00:00.000
Grass seed crops Aphids	420 ml/ha	1260 ml/ha/crop	n/a	[No Data]	[No Data]	20131671	2024-04-30 00:00:00.000
Herbs (see appendix 6) Aphids, Caterpillars, Cutworms, Flea beetle, Leaf miner, Whitefly, Wireworm	420 ml/ha	1260 ml/ha/year	[No Data]	7 days	[No Data]	20191272	2024-04-30 00:00:00.000
Horseradish Carrot fly, Cutworms	500 ml/ha	1500 ml/ha/crop	[No Data]	21 days	[No Data]	20131672	2024-04-30 00:00:00.000
Jerusalem artichokes Aphids, Caterpillars, Thrips, Weevils, Leaf beetle	500 ml/ha	1 per year	Crop cover complete or 30 days before harvest	30 days	[No Data]	20190679	2024-04-30 00:00:00.000
Kale Aphids, Caterpillars, Flea beetle, Whitefly	0.5 l/ha	3 per crop	[No Data]	21 days	[No Data]	20201050	2024-04-30 00:00:00.000
Lamb's lettuce Aphids, Caterpillars, Flea beetle	420 ml/ha	1260 ml/ha/crop	[No Data]	7 days	[No Data]	20131670	2024-04-30 00:00:00.000
Land cress Aphids, Caterpillars, Flea beetle	420 ml/ha	1260 ml/ha/crop	[No Data]	7 days	[No Data]	20131670	2024-04-30 00:00:00.000
Leaves and shoots Aphids, Caterpillars, Flea beetle	420 ml/ha	1260 ml/ha/crop	[No Data]	7 days	[No Data]	20131670	2024-04-30 00:00:00.000
Leeks Cutworms, Leaf moth	420 ml/ha	3 per crop	[No Data]	3 days	[No Data]	20131665	2024-04-30 00:00:00.000

Targets	Maximum Dose	Maximum Treatments	Latest Application	Harvest Interval	Restrictions	* EAMU Number	EAMU Expiry
Lettuce Aphids, Caterpillars, Cutworms, Flea beetle, Leafhoppers, Pollen beetle, Thrips	420 ml in 1000 l water min/ha	1.26 l/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
Mallow (Althaea spp.) Carrot fly, Cutworms	500 ml/ha	1500 ml/ha/crop	[No Data]	21 days	[No Data]	20131672	2024-04-30 00:00:00.000
Oriental cabbage Aphids, Caterpillars, Flea beetle, Whitefly	0.5 l/ha	3 per crop	[No Data]	21 days	[No Data]	20201050	2024-04-30 00:00:00.000
Parsnips Carrot fly, Cutworms	500 ml/ha	1500 ml/ha/crop	[No Data]	21 days	[No Data]	20131672	2024-04-30 00:00:00.000
Pears Pear sucker	580 ml/ha or 33 ml/100 litres water (HV)	1.74 l/ha/crop	[No Data]	7 days	Max conc 20 ml product/100 litres water for HV application	[No Data]	[No Data]
Protected aubergines Leaf miner, Western flower thrips	117 mls/100 litres	3	[No Data]	7 days	under permanent protection with full enclosure	20201051	2024-04-30 00:00:00.000
Protected celery Caterpillars	500 ml/ha	1500 ml/ha/crop	[No Data]	7 days	[No Data]	20142585	2024-04-30 00:00:00.000
Protected courgettes Leaf miner, Western flower thrips	50 mls/100 litres	3 per crop	[No Data]	7 days	[No Data]	20201052	2024-04-30 00:00:00.000
Protected courgettes Leaf miner, Western flower thrips	117 mls/100 litres	3 per crop	[No Data]	7 days	under permanent protection with full enclosure	20201052	2024-04-30 00:00:00.000
Protected cucumbers Leaf miner, Western flower thrips	50 mls/100 litres	3 per crop	[No Data]	7 days	[No Data]	20201052	2024-04-30 00:00:00.000
Protected cucumbers Leaf miner, Western flower thrips	50 mls/100 litres	3 per crop	[No Data]	7 days	[No Data]	20201052	2024-04-30 00:00:00.000
Protected cucumbers Leaf miner, Western flower thrips	117 mls/100 litres	3 per crop	[No Data]	7 days	under permanent protection with full enclosure	20201052	2024-04-30 00:00:00.000
Protected gherkins Leaf miner, Western flower thrips	50 mls/100 litres	3 per crop	[No Data]	7 days	[No Data]	20201052	2024-04-30 00:00:00.000
Protected gherkins Leaf miner, Western flower thrips	50 mls/100 litres	3 per crop	[No Data]	7 days	[No Data]	20201052	2024-04-30 00:00:00.000
Protected gherkins Leaf miner, Western flower thrips	117 mls/100 litres	3 per crop	[No Data]	7 days	under permanent protection with full enclosure	20201052	2024-04-30 00:00:00.000
Protected ornamentals American serpentine leaf miner, Western flower thrips	1200 ml/ha	3 per crop	n/a	[No Data]	[No Data]	20131662	2024-04-30 00:00:00.000
Protected peppers Aphids, Caterpillars, Mealybugs, Scale insects, Thrips, Western flower thrips, Whitefly	83 ml/100 litres water (HV)	3 per crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
Protected rhubarb Caterpillars	500 ml/ha	1500 ml/ha/crop	[No Data]	7 days	[No Data]	20142585	2024-04-30 00:00:00.000
Protected spring onions Leaf miner	420 ml/ha	3 per crop	[No Data]	3 days	[No Data]	20131664	2024-04-30 00:00:00.000
Protected summer squash Leaf miner, Western flower thrips	50 mls/100 litres	3 per crop	[No Data]	7 days	[No Data]	20201052	2024-04-30 00:00:00.000
Protected summer squash Leaf miner, Western flower thrips	50 mls/100 litres	3 per crop	[No Data]	7 days	[No Data]	20201052	2024-04-30 00:00:00.000
Protected summer squash Leaf miner, Western flower thrips	117 mls/100 litres	3 per crop	[No Data]	7 days	under permanent protection with full enclosure	20201052	2024-04-30 00:00:00.000
Protected tomatoes Leaf miner, Western flower thrips	117 mls/100 litres	3	[No Data]	7 days	under permanent protection with full enclosure	20201051	2024-04-30 00:00:00.000

Targets	Maximum Dose	Maximum Treatments	Latest Application	Harvest Interval	Restrictions	* EAMU Number	EAMU Expiry
Radishes							
Aphids, Caterpillars, Flea beetle, Thrips, Weevils, Leaf beetle	500 ml/ha	1 per year	Crop cover complete or 30 days before harvest	30 days	[No Data]	20190679	2024-04-30 00:00:00.000
Raspberries							
Raspberry beetle	830 ml/ha	2.49 l/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
Red beet							
Aphids, Beet flea beetle, Caterpillars, Thrips, Beet fly	500 ml/ha	1 per year	Crop cover complete or 30 days before harvest	30 days	[No Data]	20190679	2024-04-30 00:00:00.000
Redcurrants							
Capsids, Caterpillars, Sawflies, Thrips	400 ml/ha	2 per crop	[No Data]	7 days	[No Data]	20190635	2024-04-30 00:00:00.000
Rhubarb							
Aphids, Capsids, Caterpillars, Cutworms, Flea beetle	0.5 l/ha	3 per crop	[No Data]	7 days	[No Data]	20201053	2024-04-30 00:00:00.000
Runner beans							
Gall midge, Pea and bean weevil, Pea aphid, Pea moth, Peach-potato aphid, Silver Y moth, Thrips, Black bean aphid	500 ml/ha	2 per crop	[No Data]	7 days	[No Data]	20190678	2024-04-30 00:00:00.000
Rye							
Aphids, Saddle gall midge, Yellow cereal fly, Gout fly, Cereal flea beetle	420 ml/ha	840 ml/ha/crop	Up to and including early dough stage	30 days	[No Data]	20193280	2024-04-30 00:00:00.000
Salsify							
Aphids, Caterpillars, Flea beetle, Thrips, Weevils, Leaf beetle	500 ml/ha	1 per year	Crop cover complete or 30 days before harvest	30 days	[No Data]	20190679	2024-04-30 00:00:00.000
Spring barley							
Aphids	420 ml/ha	840 ml/ha/crop	Up to and including early dough stage (GS 83) (not less than 30 days before harvest)	[No Data]	[No Data]	[No Data]	[No Data]
Spring field beans							
Pea and bean weevil	500 ml/ha	1.0 l/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
Spring greens							
Aphids, Caterpillars, Flea beetle, Whitefly	0.5 l/ha	3 per crop	[No Data]	21 days	[No Data]	20201050	2024-04-30 00:00:00.000
Spring mustard							
Cabbage seed weevil, Cabbage stem weevil, Pollen beetle	500 ml/ha	1.5 l/ha/crop	End of flowering (not less than 45 days before harvest)	[No Data]	[No Data]	[No Data]	[No Data]
Spring oats							
Aphids	420 ml/ha	840 ml/ha/crop	Up to and including early dough stage (GS 83) (not less than 30 days before harvest)	[No Data]	[No Data]	[No Data]	[No Data]
Spring oilseed rape							
Cabbage seed weevil, Cabbage stem weevil, Pollen beetle	500 ml/ha	1.5 l/ha/crop	End of flowering (not less than 45 days before harvest)	[No Data]	[No Data]	[No Data]	[No Data]
Spring wheat							
Aphids	420 ml/ha	840 ml/ha/crop	Up to and including early dough stage (GS 83) (not less than 30 days before harvest)	[No Data]	[No Data]	[No Data]	[No Data]
Strawberries							
Caterpillars, Thrips	500 ml/ha	2 per crop	[No Data]	3 days	[No Data]	20190636	2024-04-30 00:00:00.000
Sugar beet							
Flea beetle	500 ml/ha	500 ml/ha/crop	[No Data]	30 days	[No Data]	[No Data]	[No Data]
Swedes							
Caterpillars	500 ml/ha	500 ml/ha/crop	[No Data]	30 days	[No Data]	[No Data]	[No Data]
Triticale							
Aphids, Saddle gall midge, Yellow cereal fly, Gout fly, Cereal flea beetle	420 ml/ha	840 ml/ha/crop	Up to and including early dough stage	30 days	[No Data]	20193280	2024-04-30 00:00:00.000
Turnips							
Caterpillars	500 ml/ha	500 ml/ha/crop	[No Data]	30 days	[No Data]	[No Data]	[No Data]
Vining peas							
Pea and bean weevil, Pea midge, Pea moth	500 ml/ha	1.0 l/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]

Targets	Maximum Dose	Maximum Treatments	Latest Application	Harvest Interval	Restrictions	* EAMU Number	EAMU Expiry
Winter barley							
Aphids, Barley yellow dwarf virus vectors	420 ml/ha	1.25 l/ha/crop	Up to and including early dough stage (GS 83) (not less than 30 days before harvest)	[No Data]	[No Data]	[No Data]	[No Data]
Winter field beans							
Pea and bean weevil	500 ml/ha	1.0 l/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
Winter mustard							
Cabbage seed weevil, Cabbage stem weevil, Pollen beetle	500 ml/ha	2.0 l/ha/crop	End of flowering (not less than 45 days before harvest)	45 days	[No Data]	[No Data]	[No Data]
Winter oats							
Aphids	420 ml/ha	1.26 l/ha/crop	Up to and including early dough stage (GS 83) (not less than 30 days before harvest)	30 days	[No Data]	[No Data]	[No Data]
Winter oilseed rape							
Beet virus yellows vectors, Cabbage seed weevil, Cabbage stem flea beetle, Cabbage stem weevil, Pollen beetle	500 ml/ha	2.0 l/ha/crop	End of flowering (not less than 45 days before harvest)	45 days	[No Data]	[No Data]	[No Data]
Winter wheat							
Aphids, Barley yellow dwarf virus vectors	420 ml/ha	840 ml/ha/crop	Up to and including early dough stage (GS 83) (not less than 30 days before harvest)	30 days	[No Data]	[No Data]	[No Data]

Hazard classification & safety precautions

Hazard

- Dangerous for the environment
- Very toxic to aquatic organisms

Environmental protection

- Do not allow direct spray from broadcast air-assisted sprayers to fall within xx m of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 m of the top of a ditch which is dry at the time of application. Aim spray away from water
- Do not allow direct spray from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing waterbody, or within 1m of the top of a ditch which is dry at the time of application. Aim spray away from water. This product is not eligible for buffer zone reduction under the LERAP horizontal boom sprayers scheme.
- Do not apply to crops in flower, or to those in which bees are actively foraging, except as directed on [crop]. Do not apply when flowering weeds are present
- Do not contaminate water with product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards or roads
- Risk to non-target insects or other arthropods
- Use appropriate containment to avoid environmental contamination
- Very toxic to aquatic life with long-lasting effects

Operator protection

- Avoid contact with skin
- Wash hands and exposed skin before eating and drinking and after work

Storage and disposal

- Keep away from food, drink and animal feeding-stuffs
- Keep in original container, tightly closed, in a safe place
- Keep out of reach of children
- Rinse container thoroughly by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of container safely
- This material (and its container) must be disposed of in a safe way

Efficacy

- A contact and stomach poison with 3-4 wk persistence, particularly effective on caterpillars and sucking insects
- Normally applied at first signs of damage with follow-up treatments where necessary at 10-14 d intervals. Rates, timing and recommended combinations with other pesticides vary with crop and pest. See label for details
- Spray is rainfast within 1 h
- May be applied in frosty weather provided foliage not covered in ice
- Temperatures above 35°C may reduce effectiveness or persistence

Restrictions

- Maximum number of treatments varies with crop and pest, 4 per crop for wheat and barley, only 1 application between 1 Apr and 31 Aug. See label for other crops
- Do not apply more than 1 aphicide treatment to cereals in summer
- Do not spray crops suffering from drought or other physical stress
- Consult processor before treating crops for processing
- Do not apply to a cereal crop if any product containing a pyrethroid insecticide or dimethoate has been applied to that crop after the start of ear emergence (GS 51)
- Do not spray cereals after 31 Mar in the year of harvest within 6 m of the outside edge of the crop
- Reduced volume spraying must not be used on cereals after 31 Mar in yr of harvest

Crop specific information

- Latest use: early dough (GS 83) for barley, oats, wheat; before flowering for mustard, oilseed rape; before 31 Mar for grass seed crops [16160]

Environmental safety

- Dangerous for the environment Toxic to aquatic organisms Flammable [16160] Extremely dangerous to fish or other aquatic life. Do not contaminate surface waters or ditches with chemical or used container Dangerous to bees. Do not apply to crops in flower or to those in which bees are actively foraging. Do not apply when flowering weeds are present Do not apply in tank-mixture with a triazole-containing fungicide when bees are likely to be actively foraging in the crop To protect non target insects/arthropods respect an unsprayed buffer zone of 5 m to non-crop land [16160] Buffer zone requirement 7 m [16160] Broadcast air-assisted LERAP 30m in raspberries, 50m in apples and pears [16160] ; LERAP category B [16160]