

# UK Pesticide Guide

## DELTASON-D

### Product Details



<b>Registration Number:</b>	17735	<b>Marketing Company:</b>	DAPT
<b>Formulation:</b>	Emulsifiable concentrate	<b>Active Substance:</b>	deltamethrin
<b>Pesticide Contents:</b>	25 g/l	<b>Pack Size:</b>	1 litre
<b>For use only as:</b>	Agricultural insecticide, Horticultural insecticide	<b>Transport Code:</b>	3
<b>Packaging Group:</b>	3	<b>UN Number:</b>	1993
<b>Mode of Action Code:</b>	IRAC 3	<b>Approval Expiry:</b>	30 April 2023

### 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
<b>Amenity vegetation</b> Aphids, Capsids, Caterpillars, Mealybugs, Scale insects, Thrips, Whitefly	70 ml/100 l water (HV)	3 per year	n/a	[No Data]	[No Data]	[No Data]	[No Data]
<b>Apples</b> Aphids, Apple sucker, Capsids, Caterpillars, Codling moth, Sawflies, Tortrix moths	350 ml/ha	1050 ml/ha/crop	[No Data]	7 days	Max conc 20 ml product/100 litres water for HV application	[No Data]	[No Data]
<b>Broad beans</b> Pea and bean weevil	300 ml/ha	600 ml/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Brussels sprouts</b> Aphids, Caterpillars, Flea beetle, Whitefly	300 ml/ha	600 ml/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Cabbages</b> Aphids, Caterpillars, Flea beetle, Whitefly	300 ml/ha	600 ml/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Cauliflowers</b> Aphids, Caterpillars, Flea beetle, Whitefly	300 ml/ha	900 ml/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Combining peas</b> Pea and bean weevil, Pea midge, Pea moth	300 ml/ha	600 ml/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Lettuce</b> Aphids, Insect pests	250 ml/ha	750 ml/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Ornamental plant production</b> Aphids, Capsids, Caterpillars, Mealybugs, Scale insects, Thrips, Whitefly	70 ml/100 l water (HV)	3 per year	n/a	[No Data]	[No Data]	[No Data]	[No Data]
<b>Pears</b> Pear sucker	350 ml/ha	1050 ml/ha/crop	[No Data]	7 days	Max conc 20 ml product/100 litres water for HV application	[No Data]	[No Data]

Targets	Maximum Dose	Maximum Treatments	Latest Application	Harvest Interval	Restrictions	* EAMU Number	EAMU Expiry
<b>Protected cucumbers</b> Aphids, Caterpillars, Mealybugs, Scale insects, Thrips, Western flower thrips, Whitefly	70 ml/100 l water	3 per crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Protected ornamentals</b> Aphids, Caterpillars, Mealybugs, Scale insects, Whitefly	70 ml/100 l water (HV)	3 per year	n/a	[No Data]	[No Data]	[No Data]	[No Data]
<b>Protected peppers</b> Aphids, Caterpillars, Mealybugs, Scale insects, Thrips, Western flower thrips, Whitefly	50 ml/100 l water	3 per crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Protected tomatoes</b> Aphids, Caterpillars, Mealybugs, Scale insects, Thrips, Western flower thrips, Whitefly	70 ml/100 l water	3 per crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Raspberries</b> Raspberry beetle	500 ml/ha	1500 ml/ha/crop	Not specified	7 days	[No Data]	[No Data]	[No Data]
<b>Spring barley</b> Aphids	250 ml/ha	500 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]
<b>Spring field beans</b> Pea and bean weevil	300 ml/ha	600 ml/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Spring mustard</b> Cabbage seed weevil, Cabbage stem weevil, Pollen beetle	300 ml/ha	900 ml/ha/crop	End of flowering (not less than 45 days before harvest)	[No Data]	[No Data]	[No Data]	[No Data]
<b>Spring oats</b> Aphids	250 ml/ha	500 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]
<b>Spring oilseed rape</b> Cabbage seed weevil, Cabbage stem weevil, Pollen beetle	300 ml/ha	900 ml/ha/crop	End of flowering (not less than 45 days before harvest)	[No Data]	[No Data]	[No Data]	[No Data]
<b>Spring wheat</b> Aphids	250 ml/ha	500 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]
<b>Sugar beet</b> Flea beetle	300 ml/ha	300 ml/ha/crop	[No Data]	30 days	[No Data]	[No Data]	[No Data]
<b>Swedes</b> Caterpillars, Flea beetle	300 ml/ha	300 ml/ha/crop	[No Data]	30 days	[No Data]	[No Data]	[No Data]
<b>Turnips</b> Caterpillars, Flea beetle	300 ml/ha	300 ml/ha/crop	[No Data]	30 days	[No Data]	[No Data]	[No Data]
<b>Vining peas</b> Pea and bean weevil, Pea midge, Pea moth	300 ml/ha	600 ml/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Winter barley</b> Aphids, Barley yellow dwarf virus vectors	250 ml/ha	750 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]
<b>Winter field beans</b> Pea and bean weevil	300 ml/ha	600 ml/ha/crop	[No Data]	7 days	[No Data]	[No Data]	[No Data]
<b>Winter mustard</b> Cabbage seed weevil, Cabbage stem weevil, Pollen beetle	300 ml/ha	1200 ml/ha/crop	End of flowering (not less than 45 days before harvest)	[No Data]	[No Data]	[No Data]	[No Data]
<b>Winter oats</b> Aphids	250 ml/ha	750 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]
<b>Winter oilseed rape</b> Beet virus yellows vectors, Cabbage seed weevil, Cabbage stem flea beetle, Cabbage stem weevil, Pollen beetle	300 ml/ha	1200 ml/ha/crop	End of flowering (not less than 45 days before harvest)	[No Data]	[No Data]	[No Data]	[No Data]
<b>Winter wheat</b> Aphids, Barley yellow dwarf virus vectors	250 ml/ha	750 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]

## Hazard classification & safety precautions

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### Hazard

- Dangerous for the environment
- Flammable
- Harmful

### Risk phrases

- Harmful by inhalation
- Harmful if swallowed
- Irritating to respiratory system
- May cause long-term adverse effects in the aquatic environment
- May cause lung damage if swallowed
- Very toxic to aquatic organisms

### Operator protection

- Do not breathe dust/fog/fumes/gas/smoke/spray mist/vapour. Avoid working in spray mist
- In case of contact with eyes rinse immediately with plenty of water and seek medical advice
- In case of insufficient ventilation, wear suitable respiratory equipment
- Take off immediately all contaminated clothing
- Wash concentrate/dust from skin or eyes immediately
- Wash hands and exposed skin before eating and drinking and after work
- When using do not eat, drink or smoke

### 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 hand-held sprayers to fall within 1 m of the top of the bank of a static or flowing waterbody. Aim spray away from water. This product is not eligible for buffer zone reduction under the LERAP horizontal boom sprayers scheme.
- Do not allow direct spray from horizontal boom sprayers to fall within the specified distance of the top of the bank of a static or flowing waterbody,
- 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 surface waters or ditches with chemical or used container
- Do not re-use container for any purpose/Do not re-use container for any other purpose
- High risk to bees
- Use appropriate containment to avoid environmental contamination

### 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
- Protect from frost
- 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

### Medical advice

- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
- If you feel unwell, seek medical advice immediately (show the label where possible)

## Efficacy

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- 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

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- 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

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- 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

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- 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]