

Alphasect™

contains 25 g/l esfenvalerate with solvent naphtha in an emulsifiable concentrate

A synthetic pyrethroid insecticide for the control of aphids in wheat, barley, oats, rye and triticale.

FOR USE ONLY AS AN AGRICULTURAL INSECTICIDE

RISK AND SAFETY INFORMATION

Flammable

Harmful by inhalation and if swallowed.

Risk of serious damage to eyes.

May cause sensitisation by skin contact.

Very toxic to aquatic organisms, may cause long term effects in the aquatic environment.

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable gloves and eye/face protection.

If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label.

Use appropriate containment to avoid environmental contamination. This material and its container must be disposed of in a safe way.

Do not allow direct spray from ground crop sprayers to fall within 5m of the top of a bank of a static or flowing waterbody or within 1m of the top of a ditch that is dry at the time of application. Direct spray away from water.

To avoid risks to man and the environment, comply with the instructions for use.

Safety data sheet available for professional user on request.



PCS No. 04544

STORE IN A COOL, DARK PLACE. PROTECT FROM FROST

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PRECAUTIONS:

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACE SHIELD) when handling the concentrate and contaminated equipment.

TAKE OFF IMMEDIATELY all contaminated clothing.

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

WASH CONCENTRATE from skin or eyes immediately. Use only in well-ventilated areas.

EXTREMELY DANGEROUS TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.

RISK TO NON-TARGETS INSECTS OR OTHER ARTHROPODS. DO NOT SPRAY CEREALS within 6 m of the field boundary.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

HIGH RISK TO NON-TARGET INSECTS OR OTHER ARTHROPODS.

DO NOT SPRAY CEREALS within 6m of the field boundary.

EXTREMELY 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.

IF YOU FEEL UNWELL, seek medical advice (show label where possible).

In case of emergency contact the Poisons Information Centre Tel: 00 353 (0) 1 8092566 or 00 353 (0) 1 8379964

DIRECTIONS FOR USE

LIMITS OF USE

| Crops | Maximum individual dose of product | Maximum total dose | Latest time of application |
|--|------------------------------------|--------------------|-------------------------------------|
| Winter wheat, winter barley, winter oats, winter rye and winter triticale - winter use | 165 ml/ha | 330 ml/ha | Up to 31st March in year of harvest |
| Winter wheat, winter rye and winter triticale - summer use | 200 ml/ha | 200 ml/ha | up to late milk stage (GS 77) |
| Winter barley, winter oats - summer use | 200 ml/ha | 200 ml/ha | up to early milk stage (GS 73) |
| Spring wheat, spring rye and spring triticale | 165 ml/ha | 330 ml/ha | up to late milk stage (GS 77) |
| Spring barley and spring oats | 165 ml/ha | 330 ml/ha | Up to early milk stage (GS 73) |

RECOMMENDATIONS

| Crop | Pests | Timing and method | Rate |
|---|---|---|--------------------------------------|
| Winter wheat Barley Oats Rye Triticale Autumn/Winter | Reduction of aphid vectors of barley yellow dwarf virus (BYDV). Inspect for aphids on warmer days. | <u>High BYDV risk areas</u> Crops drilled before mid-September or after grass or weedy stubbles: spray in mid-October or upon finding aphid in the crop. Repeat, normally end-October to early November, after the end of aphid immigration. Crops drilled mid-September to mid-October: spray end of October to early-November. Crops drilled after mid-October: consider as being at average risk. <u>Average BYDV risk areas</u> Spray end-October to early-November if aphids are found in the crop or upon professional advice. | 165 ml in at least 200 l/ha water |
| Spring wheat Barley Oats Rye Triticale | Aphids as above. | <u>High BYDV risk areas</u> Spray at the 2-3 leaves stage or upon professional advice. Repeat if necessary. <u>Average BYDV risk areas</u> Spray upon professional advice. | 165 ml in at least 200 l/ha water |
| Winter wheat Barley Oats Rye Triticale Summer | Summer cereal aphids | Apply between onset of flowering and milky-ripe stage (winter wheat, rye, triticale: GS 61-77, winter barley, oats: GS 61-73) when more than 66% (5 aphids per ear) are infected. | 200 ml/ha in at least 200 l/ha water |

MIXING

Half fill the spray tank with clean water and start the re-circulation system. Pour the required quantity of Barclay Alphasect into the spray tank. Top up the spray tank with water to the required level. Continue agitation before and during use. Use immediately after mixing. Do not allow mixed spray to stand in the tank.

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 safely.

APPLICATION

Apply as a MEDIUM spray at 2-3 bar. Use the higher recommended water volumes when the foliage is dense. Position spray nozzles to cover the crop leaves evenly and thoroughly.

COMPATIBILITY

Barclay Alphasect is compatible in a two-way tank mixture with many approved crop protection products.

Mix Barclay Alphasect in the spray tank first unless directed otherwise. Follow all the recommendations of the partner product. Spray immediately after mixing.

CROP AND WEATHER CONDITIONS

Crops suffering drought, physical injury, herbicide or other stress should not be treated until recovered.

PROCESSED CROPS

Consult processors before treating crops intended for processing.

RESISTANT STRAINS

Strains of some aphid species resistant to one or more groups of insecticides are widespread. Where strains resistant to products containing esfenvalerate occur, Barclay Alphasect is unlikely to give satisfactory control. Repeat treatments are likely to result in lower levels of control. Where repeat treatments are necessary, use different active ingredients.

CARE OF SPRAYER

After each days use, wash out the sprayer thoroughly with water and wetting agent using standard procedures.