

Sumi-Alpha®

INSECTICIDE

**A synthetic pyrethroid insecticide
for the control of aphids and reduction of
BYDV (barley yellow dwarf virus) in cereals.**

**An emulsifiable concentrate
containing 25 g/L (2.6 % w/w) esfenvalerate.**

CONTENTS:

1 L

 **SUMITOMO CHEMICAL**

Authorisation Holder:

SUMITOMO CHEMICAL AGRO EUROPE S.A.S.

10A rue de la Voie Lactée, 69370 St-Didier-au-Mont-d'Or, France

Marketed in Ireland by:

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Batch No.: See container

Date of manufacture: See container

F130000809A-0325

Safety Information

Sumi-Alpha® An emulsifiable concentrate containing 25 g/L (2.6 % w/w) esfenvalerate (ISO). Contains xylene, ethylbenzene, 2-phenoxyethanol.

Danger



Flammable liquid and vapour.

Harmful if swallowed or if inhaled.

May be fatal if swallowed and enters airways.

May cause an allergic skin reaction.

Causes serious eye damage.

May cause respiratory irritation.

May cause damage to organs (nervous system).

May cause damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life with long lasting effects.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

Do not breathe fume/gas/mist/vapors/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER or doctor.

Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Store locked up.

Dispose of contents/container to a licensed hazardous waste disposal or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

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

PCS No. 02334

SAFETY PRECAUTIONS

UFI: E200-80A5-P003-U078

Operator Protection

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.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before meals and after work.

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

Wash all protective clothing after use.

Environmental protection

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from armyards and roads.

To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

Storage and disposal

DO NOT RE-USE CONTAINER for any purpose. Store in the dark away from sunlight.

Keep dry and frost-proof in a suitable pesticide store.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

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.

For 24 hour emergency information ONLY: call +44 (0)1235 239 670

FOR PROFESSIONAL USE ONLY

FOR USE ONLY AS AN AGRICULTURAL INSECTICIDE				
Crops	Maximum individual dose	Max no. of applications	Maximum total dose	Time of application
Winter wheat, rye and triticale	165 ml/ha	2	530 ml/ha	Before 2nd node (GS 32)
	200 ml/ha	1		Second node (GS 32) to late milk stage (GS 77)
Winter barley and winter oats	165 ml/ha	2	530 ml/ha	Before 2nd node (GS 32)
	200 ml/ha	1		Second node (GS 32) to early milk stage (GS 73)
Spring wheat, rye and triticale	165 ml/ha	2	530 ml/ha	Before 2nd node (GS 32)
	200 ml/ha	1		Second node (GS 32) to late milk stage (GS 77)
Spring barley and spring oats	165 ml/ha	2	530 ml/ha	Before 2nd node (GS 32)
	200 ml/ha	1		Second node (GS 32) to early milk stage (GS 73)

DIRECTIONS FOR USE

Sumi-Alpha® is an insecticide which contains the highly active synthetic pyrethroid esfenvalerate.

CROPS

Sumi-Alpha® is approved for use in Cereals, for professional use only.

CROPS FOR PROCESSING

On crops grown for processing, consult your processor before use.

DOSE RATE

Always use Sumi-Alpha® at the recommended dose rate. See individual crop recommendations for further details.

VOLUME OF WATER

Sumi-Alpha® should be applied in 200 litres of water per hectare as a MEDIUM spray (as defined by BCPC). Always ensure that foliage is well covered.

PREPARATION FOR USE

Fill the spray tank with clean water and agitate vigorously. Add the recommended quantity of Sumi-Alpha® and apply immediately. DO NOT leave spray solution standing in spray tank.

STORAGE

STORE IN THE DARK AWAY FROM SUNLIGHT.
Concentrated solutions should be protected from frost.

WARNING

Damage may result unless all recommendations are carefully carried out.

COMPATIBILITIES

Sumi-Alpha® is compatible with a wide range of crop protection products. For further details, contact Sumitomo Chemical (UK) Ltd.
Before tank-mixing, consult the appropriate technical leaflets or labels for full details. If a tank-mix with another material is required always add Sumi-Alpha® to the tank first (except in the case of specified fungicides) and ensure it is evenly dispersed through the tank before adding any other product and apply immediately, maintaining agitation.

RECOMMENDATIONS.

WINTER WHEAT, BARLEY, OATS, RYE AND TRITICALE – AUTUMN/WINTER

Pest	Application rate
Cereal aphids (reduction in spread of Barley Yellow Dwarf Virus)	165 ml in not less than 200 litres of water per hectare

Time of application

HIGH RISK SITUATIONS: eg crops drilled before the 3rd week of September, crops following grass or grassy stubble or crops in areas with a history of BYDV. The first application should be made in mid-October. A second application will be necessary at the end of aphid migration, which is normally at the end of October or beginning of November.
OTHER SITUATIONS: apply in late October or early November to crops which have emerged by mid-October, up to before GS32.
For details of thresholds or further information consult TEAGASC or your specialist adviser.

Maximum number of applications: 2

SPRING WHEAT, BARLEY, OATS, RYE AND TRITICALE

Pest	Application rate
Cereal aphids (reduction in spread of Barley Yellow Dwarf Virus)	165 ml in not less than 200 litres of water per hectare

Time of application

HIGH RISK AREAS: spray routinely at the 2-3 leaf stage. A second spray may be necessary up to before GS32, depending on aphid monitoring and TEAGASC advice.
LOW RISK AREAS: spray in accordance with TEAGASC advice.

Maximum number of applications: 2

WINTER WHEAT, BARLEY, OATS, RYE, TRITICALE – SUMMER USE

SPRING WHEAT, BARLEY, OATS, RYE, TRITICALE – SUMMER USE

Pest	Application rate
Summer cereal aphids (control of aphids on the ear)	200 ml in not less than 200 litres of water per hectare

Time of application

Apply between the onset of flowering and the milky-ripe stage (winter wheat, winter rye, winter triticale: GS 61-77; winter barley, winter oats: GS 61-73) when 66% or more ears are infested (equivalent to 5 aphids per ear) and aphid numbers are increasing.

When used to control aphids on the ear Sumi-Alpha® can give useful control of aphids on the flag leaf.

For details of thresholds are available from TEAGASC or your specialist adviser.

Maximum number of applications: 1

Sumi-Alpha® is a registered trademark of Sumitomo Chemical Company Ltd.

The following does not form part of the product label under S.I. No. 83 of 2003:

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the Sumitomo recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted.

Always read the label. Use pesticides safely.

Specimen to date
2025