

# SUMI-ALPHA®

I

An emulsifiable concentrate containing 25 g/L (2.6 % w/w) esfenvalerate.  
A synthetic pyrethroid insecticide for the control of aphids and reduction of BYDV (barley yellow dwarf virus) in cereals.

PCS No. 02334

## Safety Information

**Sumi-Alpha** An emulsifiable concentrate containing 25 g/L (2.6 % w/w) esfenvalerate. Contains xylene, ethylbenzene and aromatic hydrocarbons C8



### Danger

**Flammable liquid and vapour.**

**Harmful if swallowed or if inhaled.**

**May be fatal if swallowed and enters airways.**

**May cause respiratory irritation.**

**Causes serious eye damage**

**May cause an allergic skin reaction**

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

Do not breathe fumes/gas/mist/vapours/spray.

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

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

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

Do NOT induce vomiting.

IF SWALLOWED: Immediately call a POISON CENTRE/doctor.

Store locked up.

Dispose of contents/container to a licensed hazardous waste disposal contractor 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

## FOR PROFESSIONAL USE ONLY

### SAFETY PRECAUTIONS

#### 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 farmyards 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.

Contents: 1 litre e

Batch No.

F130000809A-0919



SUMITOMO CHEMICAL (U.K.) PLC

#### Authorisation Holder:

Sumitomo Chemical Agro Europe S.A.S.  
Parc d'affaires de Crécy, 10A rue de la Voie Lactée,  
69370 St Didier au Mont d'Or, France

#### Marketed in Ireland by:

Sumitomo Chemical (UK) plc  
Hythe House, 200 Shepherds Bush Road, London W6 7NL, UK  
Tel: +44 (0)203 538 1539

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

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

***Summi-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 Interfarm 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.**

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