

# SNIPER™

MAPP 16133 PCS 05385

A contact and residual post-emergence herbicide for annual broad-leaved weed and meadow grass control in sugar beet and fodder beet.

A suspo emulsion formulation containing 150 g/l (13.8% w/w) phenmedipham, 50 g/l (4.6% w/w) desmedipham and 200 g/l (18.4% w/w) ethofumesate.



## Warning

**Very toxic to aquatic life with long lasting effects.**

**Contains 1,2-benzisothiazol-3(2H)-one.**

**May produce an allergic reaction.**

Keep out of reach of children.

Keep away from food, drink and animal feedingstuffs.

Use appropriate containment to avoid environmental contamination.

UK only: Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for

empty, clean containers which can be disposed of as non-hazardous waste.

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

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

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

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FR R3.2.3 MAY19

5 litres e

To access the Safety Data Sheet for this product scan the QR code or use the weblink: <https://bit.ly/2QL7CWS>. Alternatively, contact your supplier.



Scan for  
Safety Data  
Sheet

ADAMA

T 4680A/07

# SNIPER™

MAPP 16133 PCS 05385

SHAKE WELL BEFORE USE  
PROTECT FROM FROST

DIRECTIONS FOR USE:

full instructions in this leaflet.

Batch No.: see packaging

Adama Agricultural Solutions UK Ltd

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[www.adama.com](http://www.adama.com) | [ukenquiries@adama.com](mailto:ukenquiries@adama.com)

For advice on medical emergencies, fires or major spills telephone  
the UK National Chemical Emergency Centre on +44 (0)1865 407333

UK only - The (COSHH) Control of Substances Hazardous to Health  
Regulations may apply to the use of this product at work.

OPEN HERE ►

## SAFETY PRECAUTIONS

### Operator Protection

Engineering control of operator protection must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate.

UK only: However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH CONCENTRATE from skin or eyes immediately.

DO NOT BREATHE VAPOUR/SPRAY.

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

WHEN USING DO NOT EAT, DRINK OR SMOKE.

### 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.

UK only: To protect aquatic organisms, respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

UK only: 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 water body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water.



This product qualifies for inclusion within the Local Environment Risk Assessment for pesticides (LERAP) scheme.

Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with HSE's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for inspection for three years.

### Storage and Disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.  
WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

## IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE

Crop

Maximum individual dose  
(litres product/ha)

Maximum total dose  
(litres product/ha)

Latest time of application

Sugar beet and fodder beet

1.3

3.9

Before crop leaves meet between the rows

### Other specific restrictions:

The maximum total dose must not exceed 1.0 kg ethofumesate per hectare in any three year period.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

BK R3, 2.3 MAY19

S4680B/07

## This leaflet is part of the approved label.

For advice on medical emergencies, fires or major spills telephone  
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**MAPP 16133 PCS 05385**



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## DIRECTIONS FOR USE

**IMPORTANT:** This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

### Restrictions and warnings

Do not apply to crops suffering from stress. This may be due to a number of factors e.g. nutrient or trace element deficiency such as manganese, soil acidity, drought, periods of low temperatures or frost, substantial day to night time fluctuations, high light intensity, wind or hail damage, use after other herbicides, pest or disease attacks.

Do not apply when temperatures exceed 21°C or in strong sunlight. If treatment is essential, delay spraying until the temperature falls and light intensity reduces.

An interval of at least 5 days must elapse between applications of SNIPER™.

Crops should not be re-entered until spray residues are dry.

### Resistance

SNIPER contains three active ingredients with different modes of action and, therefore, the risk of resistance building up is reduced. SNIPER contains ethofumesate, a Group N herbicide and desmedipham and phenmedipham which are both Group C1 based on the mode of action classification system of the Herbicide Resistance Action Committee.

Repeated use of herbicides with the same mode of action can increase the risk of strains of weeds developing resistance to these compounds, leading to poor control. In order to minimise the risk, a strategy for preventing and managing such resistance should be adopted.

Growers are advised to apply products containing herbicides with different modes of action in sequence, as co-formulations or in tank-mix where two or more components are active against the target weeds.

Use the recommended rate of SNIPER and the correct application timing for the hardest to control weed species present in the field. The above should be used in conjunction with effective cropping rotation and cultivation techniques e.g. stale seedbed, cultivation and use of non-selective herbicide prior to drilling.

Further guidance on weed resistance management is available from the Herbicide Resistance Action Committee (HRAC) and Weed Resistance Action Group (WRAG). Follow WRAG guidelines.

### Weeds controlled

For best results the largest weeds should not be beyond the fully expanded cotyledon stage at spraying. Occasional larger weeds will usually be controlled by a full series of SNIPER sprays, provided that at the first treatment they are not larger than the maximum sizes shown below.

On soils containing more than 10% organic matter, the residual activity of SNIPER may be reduced.

#### Weeds killed up to 6 expanded true leaves

Charlock  
Fat-hen

#### Weeds killed up to 4 expanded true leaves

Black-bindweed  
Pansy, Field

#### Weeds killed up to 2 expanded true leaves

Dead-nettle, Henbit  
Dead-nettle, Red  
Field-speedwell, Common  
Groundsel  
Fool's parsley  
Speedwell, Ivy-leaved  
Knotgrass  
Redshank

### **Other weeds controlled**

Chickweed, Common: killed up to 10 cm across or high.  
Cleavers: killed up to 5cm across or high.

Mayweed: severe check or kill up to 2.5 cm across or high.

To improve weed activity in cool conditions or against less susceptible weeds, the addition of a suitable adjuvant e.g. Toil is recommended.

### **Crop specific information**

SNIPER may be used on all sugar beet and fodder beet varieties.

### **Soil**

SNIPER can be used on all soil types. On soils containing more than 10% organic matter, the residual activity of SNIPER may be reduced.

### **Time of application**

#### Crop

The first application of SNIPER should be made when the crop has reached the fully expanded cotyledon stage.

#### Weeds

The recommended time of application is at the fully expanded cotyledon stage of the largest weed present. A single application of SNIPER will not give season-long control. Subsequent applications should be made as each flush of weeds reaches the cotyledon stage. Susceptible weeds may not be killed by the first treatments but may be checked and then controlled by later applications.

### **Rate of Use**

Maximum individual dose	1.3 L/ha
Maximum total dose	3.9 L/ha
Water volume	At least 100 L/ha

### **Following crops**

Beet crops may be sown at any time following the use of SNIPER. Three months must elapse before any other crop is sown, and mould-board ploughing to a depth of 15 cm must precede seedbed preparation.

### **Mixing and spraying**

For use by tractor mounted/trailed sprayer only.

Add the required quantity of SNIPER to a quarter-filled spray tank with continuous agitation, then add the remaining volume of water. Continue agitation during spraying.

Ensure that all spraying equipment is thoroughly washed out immediately after use by triple rinsing with water, then drain the tank. On emptying the container, 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.

Use a FINE spray as defined by the BCPC system. Avoid spray drift.

Take care to avoid overlapping.

### **Compatibility**

SNIPER is compatible with the following products:

GoItix 70 SC

SNIPER + metamitron

For improved residual activity, metamitron may be added to SNIPER applications in a low volume post-emergence programme.

Always read the label of the partner product carefully before use.

## **DISCLAIMER/CONDITIONS OF SUPPLY**

The specified properties of our products and the mode of application stated on this label have been established on the basis of research and experience. Products conform to specification at the time of delivery but, as we exercise no control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application, all of which may affect the performance of the products, no responsibility or liability will be accepted by us or our re-sellers for any failure in performance, damage or injury to person or property whatsoever arising from the storage, handling, application or use of the products. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for any new and/or unusual growing methods or for new varieties not listed on this label.

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