

# SPICULUS

A suspension concentrate (SC) containing 500 g/L (45.5 % w/w) ethofumesate

SPICULUS is an herbicide for the control of annual dicotyledonous weeds in fodder beet and sugar beet



## SPICULUS

A suspension concentrate containing 500 g/L (45.5 % w/w) ethofumesate:  
Contains 1, 2-benzisothiazolin-3-one.

### SAFETY INFORMATION:

#### Hazard statements:

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

**Contains 1, 2-benzisothiazolin-3-one. May produce an allergic skin reaction.**

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

#### Precautionary statements:

Avoid release to the environment.

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

If medical advice is needed, have product container or label at hand.

Collect spillage.

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).



**WARNING**

Marketing company:

**BelCrop**

Belcrop BV

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UFI: UQ2T-38VU-8XES-SF67

**PCS No.: 07101**

**Production date/Batch number:** See packaging.

**SHAKE WELL BEFORE USE. KEEP AWAY FROM FROST. See attached booklet for "Directions for use".**

Authorisation holder: Certiplant BV, Lichtenberglaan 2045, 3800 Sint-Truiden, Belgium,  
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Content: **5L** e

**This Booklet is part of the approved Product Label.**

### **IMPORTANT INFORMATION**

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE

<b>Crop</b>	<b>Max. single dose</b>	<b>Max. no. of applications</b>	<b>Max. total dose</b>	<b>Latest time of application</b>
<b>Fodder beet, sugar beet</b>	0.66 L/ha	-	2.0 L/ha	8 leaves unfolded (GS 18)

Other specific restrictions:

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

### **DIRECTIONS FOR USE**

#### **IMPORTANT**

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

#### **INTRODUCTION**

SPICULUS is a systemic herbicide used in the early post-emergence control of annual dicotyledonous weeds in fodder beet and sugar beet. SPICULUS is absorbed by young shoots and roots of emerging weeds.

#### **METHOD OF APPLICATION**

Tractor mounted/trailed horizontal sprayer.

#### **SPRAY VOLUME**

Apply SPICULUS in 200 – 300 L water per hectare.

#### **RESTRICTIONS**

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

### **CROP SPECIFIC INFORMATION**

SPICULUS is to be applied as an early post-emergence application.

#### **Fodder beet, sugar beet**

*Post-emergence*

Dose rate: 0.66 L/ha for a single application; maximum total dose: 2 L/ha.

Timing: Fodder beet, sugar beet: GS 10-18 (growth stage at the first application: GS 10-12)

Weeds: GS 09-14 (growth stage at the first application)

Weeds controlled:

**Susceptible:** Black nightshade, Cleavers, Field pennycress, Fig-leaved goosefoot, Volunteer oilseed rape, Pigweed

**Moderately Susceptible:** Fat-hen

## RESISTANCE

SPICULUS contains ethofumesate, a HRAC group 15 herbicide which interferes with the normal growth of susceptible plant species by inhibiting lipid biosynthesis via the inhibition of very long-chain fatty acid (VLCFA) synthesis.

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 or tank mix where two or more components are active against the target weeds.

Use the recommended rate of SPICULUS and the correct application timing for the hardest to control weed species present in the field.

Use in conjunction with effective cropping rotation and cultivation techniques, e.g. stale seedbed cultivation, hoeing, 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.

## FOLLOWING CROPS

After normal harvest: no restrictions, but ploughing to a depth of 15-20 cm should be done before sowing winter cereals.

In case of crop failure: fodder beet, sugar beet, beetroot, maize, sunflower, peas, spinach, bean plants.

Waiting periods of 50 days before planting root crops and 30 days before planting leafy crops are recommended to ensure non-exceedance of maximum residue limits in rotational crops.

## MIXING AND SPRAYING

Thoroughly shake the container before use.

Add the required quantity of SPICULUS to the half-filled sprayer tank with the agitation system in operation and then fill to the required level. Continue agitation at all times during spraying and stoppages until the tank is completely empty. Spray immediately after mixing.

When tank mixes are to be used, each product should be added separately to 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 container safely.

Avoid spray drift.

Clean spray equipment thoroughly after use.

### **SAFE DISPOSAL**

Do not re-use the product container for any other purpose.

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.

### **COMPANY INFORMATION**

This section is not part of the Product Label.

The manufacturer/seller/registration holder only guarantees that the supplied product complies with the quality standards in force. The manufacturer/seller/registration holder cannot be held liable neither for results nor for any damage due to the storage, transport or application of the product.



**To access the Safety Data Sheet for this product scan this code or use the link below:**  
<https://belcrop.com/en/products/ireland/>

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