

# SOMNUS

## 500 SC



**SOMNUS 500 SC is a herbicide for the control of broad-leaved weeds in wheat, barley, rye, durum wheat and tricale.**

A suspension concentrate containing 500 g/L diflufenican as a suspension concentrate.

UFI: 8H12-V0F8-H008-JF16

### **SAFETY INFORMATION**

**FOR PROFESSIONAL USE ONLY**



#### **Warning**

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

Keep out of reach of children.

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

Contains diflufenican.

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

**PCS 06575**

In the event of an emergency, call the National Poisons Information Centre on 01-8092566

Protect from frost

Store above 5°C

Keep away from food, drink and animal feed.

Ensure adequate ventilation in working area.

09/22

Marketing Company Authorisation Holder  
Crophthetics Ltd JT Agro Ltd  
126-134, Baker Street, London W1U 6UE  
Telephone: +44 (0)1628 421890  
www.jtagro-crophthetics.com  
Email: jaitej@jtagro-crophthetics.co.uk

  
**crophthetics**

net contents  
**5 litres e**



## IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL AGRICULTURAL HERBICIDE

Crop	Maximum single dose	Maximum number of applications	Maximum total dose	Latest time of application
Winter wheat, spring wheat, durum wheat, winter barley, oats, rye & triticale	0.25 L/ha	-	0.25 L/ha/crop	Before first node detectable (GS 31)
Spring barley	0.125 L/ha	-	0.125 L/ha/crop	

**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.**

## SAFETY PRECAUTIONS

### Operator protection

WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.  
WASH CONCENTRATE FROM skin or eye immediately.  
AVOID ALL CONTACT BY MOUTH.  
DO NOT BREATHE SPRAY.  
WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking and after work.

### Environmental Protection

VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Do not contaminate surface waters or ditches with chemical or used container.  
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).  
Aim spray away from water.  
Before each spraying operation from a horizontal boom sprayer the statutory buffer zone must be maintained.  
Collect spillage.

### 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.  
DO NOT RE-USE container for any purpose.

## 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.

SOMNUS 500 SC is a selective residual herbicide for use in wheat, barley, durum wheat, rye and triticale.

### Restrictions

DO NOT apply if crop is stressed due to water logging, drought, nutrient deficiency or pest infestation.

DO NOT apply during prolonged periods of frosty weather. Frost following application may cause crop damage.

DO NOT apply if heavy rain is expected within 4 hours.  
DO NOT overlap spray swaths.

Crops may suffer some transient damage such as bleaching which is normally outgrown without effecting yield.

DO NOT direct drill autumn sown broad-leaved crops following application of SOMNUS 500 SC in the previous crop.

DO NOT treat broadcast crops.

DO NOT roll autumn treated crops until the spring.

DO NOT harrow the crop at any time following application.

DO NOT apply to soils with greater than 10% organic matter.

DO NOT treat undersown cereals or those due to be undersown.

### Weed Control

Application should be made pre-emergence. SOMNUS 500 SC is effective against the following weeds:

Specific weeds controlled at 0.25 L/ha		
Weed	Pre-emergence	Up to 2 leaves
Charlock	✓	-
Common chickweed	✓	✓
Common field speedwell	✓	✓
Common poppy	✓	-
Corn spurry	✓	-
Field mouse-ear	✓	-
Field forget-me-not	✓	-
Field pansy	✓	-
Henbit dead-nettle	✓	✓
Ivy-leaved speedwell	✓	-
Parsley piert	✓	-
Red dead-nettle	✓	-
Shepherd's-purse	✓	✓
Treacle Mustard	✓	-
Volunteer oilseed rape	✓	✓
Wild radish (Runch)	✓	-
Specific weeds controlled at 0.125 L/ha		
Henbit deadnettle	weed growth stage 15	
Shepherd's-purse	weed growth stage 19	
Field pansy	weed growth stage 19	

## Crop Specific Information

Pre or post emergence use on winter wheat, winter barley and spring barley, early post emergence on durum wheat and post emergence on spring wheat. Use pre emergence on rye and triticale. Do not treat undersown cereals or those due to be undersown.

## Rate of use and timing

Apply SOMNUS 500 SC at 0.25 L/ha pre or post crop emergence, up to the end of February on winter wheat, winter barley and spring barley. Alternatively, a lower dose of 0.2 L/ha may be applied before 2nd node detectable (GS 32) on winter wheat (excluding durum wheat), winter barley and spring barley. Apply SOMNUS 500 SC at 0.25 L/ha post-crop emergence up to the end of February on durum wheat.

Use on spring wheat post-emergence is allowed up to the end of February at the dose of 0.25 L/ha or at the lower dose of 0.2 L/ha before 2nd node detectable stage (GS 32). For rye and triticale apply pre-crop emergence.

## Water volume

Apply as a MEDIUM spray (BCPC) in 100-250 litres water/ha.

## Soil Condition

Prepare a firm fine seedbed for best results, with clods no more than fist size. The crop should be sown to the normal depth of 25 mm. It is important to ensure that the seeds are well covered. Good weed control depends on burying and dispersing any trash or burnt straw before or during seedbed preparation. For best results apply to a moist seedbed. Do not apply to dry, cracked or waterlogged soils. Do not use on sands (soil texture 85 system) or very gravelly or stony soils due to risk of crop damage.

## Following crops

Plough to 150 mm and thoroughly mix the soil before drilling or planting any following crops (either after crop failure or normal harvest).

## CROP FAILURE:

If a crop fails for any reason, only re-drill with winter wheat or winter barley after ploughing. A period of 12 weeks must lapse after ploughing before spring crops of wheat, barley, oilseed rape, peas, field beans, sugar beet, potatoes, carrots, edible brassicas or onions may be drilled.

## NORMAL HARVEST

In the autumn following normal harvest, only drill winter cereals, oilseed rape, field beans, leaf brassicas, sugar beet seed crops and winter onions. In the spring following normal harvest, only the spring crops listed above (under 'CROP FAILURE') can be drilled.

Occasionally seedlings of brassica crops may exhibit slight discolouration of the cotyledons, which is normally outgrown without affecting subsequent growth.

Where diflufenican containing products are applied to successive cereal crops, levels of diflufenican will build up in the soil. Even when ploughing to 150 mm and thorough mixing of the soil, there may still be a risk of damage to following crops of onions, leeks, other allium crops and clover. As a precaution, users who rent out their land to growers of these crops should not use diflufenican containing products in successive years before renting out that land.

## Mixing and application

Ensure the sprayer is clean and in good working order. Calibrate according to the sprayer manufacturers recommendations.

Half-fill the spray tank with clean water and begin agitation. Add the required quantity of SOMNUS 500 SC to the tank and complete filling. Continue agitation until spraying is complete.

Do not leave the sprayer standing with the spray mixture in it for a long period of time.

Wash out the sprayer thoroughly after use, using a wetting agent or proprietary tank cleaner.

## CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during or after application, which may affect the performance of the goods, 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 or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

### Marketing Company

Crophthetics Ltd

126-134, Baker Street, London W1U 6UE

Telephone: +44 (0)1628 421890

[www.jtagro-crophthetics.com](http://www.jtagro-crophthetics.com)

Email: [jaitej@jtagro-crophthetics.co.uk](mailto:jaitej@jtagro-crophthetics.co.uk)

### Authorisation Holder

JT Agro Ltd

SPECIMEN -  
2022 to date