

lifescientific 
FIRST TO MARKET

ELLA SX

PCS No. 05796



CONTAINS 200 G/KG METSULFURON AS A WATER-SOLUBLE GRANULE FORMULATION.
ELLA SX IS A SULFONYL UREA HERBICIDE FOR SPRING-APPLIED BROAD-LEAVED WEED CONTROL IN
WHEAT, BARLEY, OATS, TRITICALE, LINSEED AND ON LAND TEMPORARILY REMOVED FROM PRODUCTION.

ELLA SX

FOR PROFESSIONAL USE ONLY



WARNING

Very toxic to aquatic life with long lasting effects

Keep out of reach of children
Collect spillage

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. 05796

Transport Information UN No.: 3082 Class: 9 Packaging Group: III Marine pollutant

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NATIONAL POISONS INFORMATION CENTRE: +353 (0) 1 8092566 (24-HOUR EMERGENCY NUMBER)

MADE IN EU LABEL VERSION Vxx

NET CONTENTS: **100gms** ^e

BATCH NO.

IMPORTANT INFORMATION

For use only as an agricultural herbicide

Crop	Maximum individual dose (product/ha)	Max. No. of applications	Maximum total dose (product/ha)	Latest time of application
Wheat, barley, oats, triticale	30 g/ha	-	30 g/ha	Flag leaf sheath extending stage (GS39)
Linseed	30 g/ha	-	30 g/ha	Before flower bud visible stage (GS51)
Setaside/ land temporarily removed from production	30 g/ha	-	30 g/ha	Before 1 st August

Other specific restrictions:

(1) This product must only be applied from 1st February in the year of harvest until the specified latest time of application.

(2) This product must only be applied to setaside / green cover on land temporarily removed from production where a full green cover is established. Treated green cover on land temporarily removed from production must not be grazed by livestock, harvested for human consumption or used for animal bedding. This product must only be applied to green cover on land temporarily removed from production where the crop cover is predominantly (i.e. sufficient to maintain reasonable cover) grassland, wheat, barley, oats or triticale.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE.

FOLLOW THE PRINCIPLES OF GOOD PLANT PROTECTION PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

SAFETY PRECAUTIONS

1. Operator protection:

WEAR SUITABLE PROTECTIVE GLOVES AND PROTECTIVE CLOTHING (COVERALLS) when handling the concentrate and when applying by hand-held equipment.

2. 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.

3. Storage and disposal:

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. DO NOT RE-USE CONTAINER for any purpose.

DIRECTIONS FOR USE

IMPORTANT:

This information is authorised 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.

ELLA SX is a sulfonyl-urea herbicide which is highly active against a wide range of broad-leaved weeds. To achieve good control the weeds must be small at application (as larger weeds often become less susceptible) and be actively growing. It should be noted the size of each weed at the time of application. Conditions which inhibit growth such as very cold weather or very dry soils will result in reduced control. The main activity is by contact action and so ELLA SX can be used on all soil types. Under conditions of adequate soil moisture susceptible weeds that germinate shortly after application will also be controlled.

RESISTANCE

ELLA SX is classified as having the HRAC mode of action code 'B'. Weeds which are subject to repeated exposure to the same mode of action are at risk of developing resistance to these herbicides. When devising a herbicide programme, incorporate herbicides with different modes of action within crop programmes and throughout crop rotations and, where possible, include physical methods of weed control.

CROP SPECIFIC INFORMATION

RATE OF APPLICATION, TIMING AND WEEDS CONTROLLED

Application: To widen the spectrum of activity and improve the control of some weed control in wheat and barley, ELLA SX may be tank mixed with other herbicides. Products should only be tank mixed if each product can be applied within the label recommendation for its use

Annual grasses, cleavers, fumitory, ivy-leaved speedwell, wall speedwell, perennial grasses and wild oats are resistant to ELLA SX at all growth stages and tank mixes are necessary for their control.

A tank mix of ELLA SX with fluroxypyr, used as recommended by the manufacturer, will control black bind weed, cleavers and field forget-me-not in addition to those weeds susceptible to ELLA SX alone. This mixture should not be used where ivy-leaved speedwell is prevalent. Do not use this mixture on spring-sown cereals.

Timing

1. Cereals:

ELLA SX can be used on all varieties of wheat, barley, oats and triticale with a dose of 30 g/ha recommended from 1st February up until before the flag leaf extending stage provided wheat, oats and triticale have at least 2 leaves and barley has 3 leaves.

2. Linseed:

ELLA SX can be used on all varieties of linseed with a dose of 30 g/ha recommended from 1st February up until before flower buds (GS 51) are visible provided the linseed has at least the first pair of true leaves unfolded and is actively growing. Since linseed is a less competitive crop than cereals, optimum control of annual weeds is achieved by the earliest possible application timing within these limits.

Do not use ELLA SX in tank-mixture with other products on linseed. When used in sequence with application of other products allow at least 7 days between applications and increase this interval to at least 10 days under conditions of crop stress or poor growth.

3. Green cover on land temporarily removed from production (e.g. Set-Aside):

ELLA SX can be used to control susceptible weeds such as docks in these areas only provided that the green cover is mainly composed of grass, wheat, barley, oats or triticale. Reasonable cover must be maintained after treatment. Established grasses may show some stunting and discolouration but seedling grasses should not be treated. Seedling cereals may be treated after the 3-leaf stage (GS 13) ELLA SX gives best control of docks when applied 3 weeks before or after cutting but note that due to the very broad spectrum of activity it should not be used where conservation headlands or wild flower borders are being established. Before use on areas subject to a grant-aided scheme, check compliance with the management rules before application.

One application of 30 g/ha is allowed per calendar year and application must be made between 1st February and 1st August in a water volume of 200 l/ha.

WEEDING CONTROL

The main activity is by contact action and so ELLA SX can be used on all soil types. Under conditions of adequate soil moisture susceptible weeds that germinate shortly after application will also be controlled. The susceptibility of weeds to treatment with ELLA SX is listed in the following table:

Weed species	Weeds up to 2 true leaves	Weeds up to 6 true leaves	Weeds up to 15 cm high or across
Black-bindweed	MS	MR	R
Charlock ¹	S	S	S
Chickweed, Common ¹	S	S	S
Cranes-bill, Dove's foot	S	S	-
Dead-nettle, Red ¹	S	S	MS
Docks	S	S	S
Fat-hen	S	MR	R
Field speedwell, Common	S	S	MS
Forget-me-not, Field	S	MS	MS
Fool's Parsley	S	S	MS
Hemp-nettle, Common	S	S	S
Knotgrass	S	MS	MS
Mayweeds ¹	S	S	S
Nettle, Small	S	S	-
Pale Persicaria	S	S	S
Pansy, Field	S	MS	MS
Parsley-piert	S	S	S
Poppy, Common	S	S	MS
Redshank	S	S	S
Shepherd's-purse ¹	S	S	S
Sowthistle, Smooth	S	-	-
Volunteer Rape ¹	S	S	-
Volunteer Sugar Beet	S	S	S

S = susceptible; MS = Moderately Susceptible; MR = Moderately Resistant; R = Resistant; - = no information.

¹ A lower dose of just 25 g/ha ELLA SX will control these weed species.

MIXING INSTRUCTIONS

Before spraying it is important to check all hoses, filters and nozzles, and to ensure that the sprayer is clean and correctly set to give an even application at the correct volume.

Half fill the spray tank with clean water. Begin agitation and add the required quantity of ELLA SX directly to the tank without prior creaming. When using in mixtures with other products, always add ELLA SX to the tank first and ensure thorough dispersal before adding other products. Add the remainder of the water and agitate the mixture thoroughly before and during spraying. A water volume of 100-400 l/ha is recommended with the higher volumes within this range used where weed and crop cover is dense to ensure good coverage of the target weeds.

When applying ELLA SX alone or in tank-mixtures, do not overlap spray swaths.

COMPATIBILITY and PERMITTED ALS-herbicide tank-mixes and SEQUENCES

ELLA SX may be applied with other herbicides provided each product can be applied within the label recommendations for its use. Always add ELLA SX to the spray tank first when using in tank-mix.

The following 'joint application' with other sulfonylurea and 'ALS inhibiting' herbicides may be applied to a crop. Requirements and restrictions on other product labels must be adhered to. ELLA SX must not be applied in sequence or tank mix on cereals with products containing any other sulfonylurea or 'ALS inhibitor' except for those listed:

- Boxer
- Eagle
- Galaxy
- Starane XL

Trademark acknowledgements:

Eagle is a trademark of Bayer Crop Science Ltd. Boxer, Galaxy and Starane XL are trademarks of Dow AgroSciences Ltd.

FOLLOWING CROPS after normal harvest or crop failure

When ELLA SX is applied to cereals, only cereals, oilseed rape, field beans or grass should be sown in the same calendar year after a normal crop harvest. Ploughing after cereal harvest is not a requirement. Oilseed rape may be autocast during or after harvest. Any crop may be sown the following calendar year.

When ELLA SX is applied to linseed or to green cover temporarily removed from production only cereals should be drilled within 16 months of treatment.

Crop Failure: In the event of crop failure for any reason, only wheat should be sown within 3 months of application of ELLA SX.

CLEANING OF APPLICATION EQUIPMENT

To avoid subsequent damage to crops other than cereals, immediately after spraying thoroughly clean all spray equipment including inside and outside of lid using a proprietary tank cleaner according to the label instructions. Alternatively follow the following procedure:

- Immediately after spraying drain the tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.

- Rinse the inside of the tank with clean water and flush through the boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely.
- Half fill the spray tank with clean water and add 0.3 litres of household ammonia (typically 9% strength) per 100 litres of tank capacity (or equivalent to give a final strength in the sprayer of 0.03%). Agitate and then flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Again, flush the hoses and boom and drain tank completely.
- Nozzles and filters should be removed and cleaned separately with ammonia solution at the same concentration as used for the sprayer.
- Rinse the tank with clean water and flush through the boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely. For disposal of washings, comply with local and national regulations.

CONDITIONS OF SUPPLY

All goods supplied by the company are of good quality and we believe them to be fit for purpose. However, 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