

# GB-ERGON-350G-LEAFLET-20200110

## SIZE:253(W)X128(H)MM

PGBE04M020200110

### SAFETY PRECAUTIONS

#### Operator Protection:

Wash hands and exposed skin before eating and drinking, smoking and after work. Do not breathe spray.

#### Environmental Protection:

To protect aquatic organisms respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements.

Do not contaminate surface water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

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 Environment 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 PSD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available 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.

# ERGON®

Herbicide - MAPP 14382

H

A water dispersible granule formulation containing 68 g/kg metsulfuron-methyl and 682 g/kg thifensulfuron-methyl, sulfonyleureas, for spring weed control on all varieties of winter wheat, winter rye, winter triticale, spring wheat, spring oat and spring barley.



#### WARNING

**H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.**

P273: Avoid release into the environment.

P391: Collect spillage.

P501: 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.

**EUH 401: To avoid risks to man and the environment, comply with the instructions for use.**

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

Content : **350g**

Batch n° and Production date : see the bottle

#### Marketing company :

**Rotam Europe Ltd**  
Hamilton House  
Mabledon Place  
London WC1H 9BB – UK



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### IMPORTANT INFORMATION

**FOR USE ONLY AS AN AGRICULTURAL HERBICIDE**

#### Crops:

Winter wheat, winter rye, winter triticale, spring wheat, spring oat and spring barley

**Maximum individual dose:** 70 g product per hectare for winter wheat, winter triticale and winter rye and 60 g product per hectare for spring barley, spring oat and spring wheat.

#### Maximum number of treatments:

One per crop

#### Latest time of application:

Winter wheat, winter rye, winter triticale, spring wheat, spring oat and spring barley: before flag leaf sheath extending stage.

#### OTHER SPECIFIC RESTRICTIONS:

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

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

See attached leaflet for Directions for Use

This leaflet/booklet is part of the approved label.

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

Do not apply ERGON more than once to any cereal. ERGON, alone or in tank-mix, must not be applied to any crop suffering from stress as a result of drought, waterlogging, low temperatures, pest or disease attack, nutrient or lime deficiency or other factors reducing crop growth.  
Do not use ERGON on cereal crops undersown with grasses, clover or other legumes or any other broad-leaved crop.  
ERGON should not be applied within 7 days of rolling any crop.  
Due to the high level of activity of the herbicide, special care must be taken to avoid damage by drift onto broad-leaved plants outside the target area, or onto ponds, waterways or ditches. Thorough cleansing of equipment is also very important.  
Consult you contract agents before using on crops grown for seed.

Weed Control

ERGON is a highly active herbicide against a wide range of broad-leaved weeds. It is most effective when applied to small actively growing weeds. As larger weeds often become less susceptible, it is important to note the size of each weed species at the time of application.  
Good spray cover of the weeds must be obtained. Weed control may be reduced when soil conditions are very dry.

Susceptible Weeds

Weed Species	Plants up to 2 expanded true leaves*	Plants up to 6 expanded true leaves*	Plants up to 15 cm across/high*
Black-bindweed	S	S	MS
Charlock	S	S	S
Chickweed, Common	S	S	S
Cleavers**	MS	MS	MS
Dead-nettle, Red	S	S	S
Fat-hen	S	S	MS
Field-speedwell, Common	S	S	MS
Forget-me-not, Field	S	MS	MS
Hemp-nettle, Common	S	S	S
Knotgrass	S	S	MS
Mayweeds	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	S	S	S
Volunteer Rape	S	S	—
*S = Susceptible, MS = Moderately Susceptible, R = Resistant			

\*\* Cleavers are moderately susceptible to ERGON, but regrowth can occur.  
Should overspraying be necessary, do not use another sulfonylurea product for this purpose.

Weed Resistance

This product contains thifensulfuron-methyl and metsulfuron-methyl, which are ALS inhibitors, also classified by the Herbicide Resistance Action Committee as 'Group B'  
When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered resistant to an herbicide if it survives a correctly applied treatment at the recommended dose.  
Development of resistance within a weed species can be avoided or delayed by sequencing or tank-mixing with suitable products having a different mode of action.  
A strategy for preventing and managing resistance should be adopted.  
The Weed Resistance Action Groups have produced guidelines and copies are available from the HGCA, CPA, your distributor, crop adviser or product manufacturer.

Soil

ERGON can be used on all soil types. Weed control may be reduced in dry conditions.

Volume and application

Apply in 100 - 200 litres of water per hectare. Use a conventional field crop sprayer at a pressure of 2-3 bars and apply as a MEDIUM spray (as defined by BCPC). When crops are thick or weed growth dense, use 400 litres of water per hectare.  
When applying ERGON, care should be taken not to overlap spray swaths.

Mixing

Before using ERGON, make sure that the spraying equipment is clean.  
When using ERGON in a tank-mix, always add ERGON to the spray tank first.  
ERGON mixes easily with water, but the following mixing procedure should be followed: quarter fill the spray tank with water, start the agitation and add the required quantity of ERGON directly to the tank without prior creaming. Continue agitation while topping up the tank and while spraying.

**Compatibility**

In any tank-mix add ERGON to the tank first and ensure it is fully dispersed before adding the partner product. Products should only be tank-mixed if each product can be applied within the label recommendations for its use. For further information contact your Rotam distributor or view [www.rotam.co.uk](http://www.rotam.co.uk).

'Joint application' with any one of the following other sulfonyl-urea and 'ALS inhibiting' herbicides may be applied to a crop treated with ERGON. 'Joint application' is the use of ERGON in tank mixture or sequence with one of the products listed in the table below. Do not apply Ergon to any cereal crop in sequence or tank-mixture with any product containing any other sulfonyl-urea herbicide product. Note the specifications for following crops:

	FOLLOWING CROP		
	Cereals	Oilseed Rape	Field Bean
Atlantis WG	Yes	Yes	Yes
Hatra	Yes	Yes	Yes
Horus	Yes	Yes	Yes
Othello	Yes	Yes	Yes
Pacifica	Yes	Yes	Yes
Broadway Star <sup>1</sup>	Yes	Yes	Yes
Dakota	Yes	Yes	Yes
Galaxy	Yes	Yes	Yes
GF-184	Yes	Yes	Yes
Hiker	Yes	Yes	Yes
Hunter	Yes	Yes	Yes
Slalom	Yes	Yes	Yes
Spitfire	Yes	Yes	Yes
Starane Gold	Yes	Yes	Yes
Starane Vantage	Yes	Yes	Yes
Starane XL	Yes	Yes	Yes

<sup>1</sup> Use in sequence only

Requirements and restrictions on the compatible product labels must be observed when using in sequence or in tank mixture.

Vigour reductions may be seen in following crops of oilseed rape and field beans under certain circumstances e.g. dry summer. Any effects should be outgrown and should not result in yield loss.

When using tank-mixtures take care not to overlap spray swaths.

Do not tank-mix Ergon with chlorpyrifos. Allow a minimum of 14 days between application of Ergon and any chlorpyrifos treatment.

Cultivation (following crop):

No special requirements for cultivation are needed where cereals are to be sown as the following crop.

Before sowing either oilseed rape or field beans, soil should be cultivated to a depth of 20 cm.

Sugar beet may be grown in the spring, following harvest of a preceding cereal crop which has received one of the above sequences.

**CROPS**

**CEREALS**

**Crop Safety**

ERGON can be used on all varieties of wheat (except Durum wheat), winter rye, winter triticale, spring oat and spring barley between the growth stages given below.

**Timing**

ERGON must only be applied from 1 February, provided the crop has at least two leaves (wheat, triticale, rye) or three leaves (barley, oats), until before the flag leaf sheath extending stage.

**Dose**

Apply ERGON at 70 g/ha on winter wheat, winter rye and winter triticale and 60 g/ha on spring barley and spring oats when used alone or in tank-mix with other herbicides.

**Replacement crops**

In case of crop failure within 3 months from the application of ERGON, sow only wheat. Before sowing, soil should be ploughed and cultivated to a depth of at least 15cm

**Following Crops**

Only cereals, oilseed rape, field beans or grass may be sown in the same calendar year to succeed a cereal crop treated with ERGON. Where joint application with other sulfonyl urea and 'ALS-inhibiting' herbicides is required, recommendations in the compatibility section must be followed.

**WARNINGS**

EXTREME CARE SHOULD BE TAKEN TO AVOID DAMAGE BY DRIFT ONTO BROAD-LEAVED PLANTS OUTSIDE THE TARGET AREA OR ONTO SURFACE WATERS OR DITCHES OR LAND INTENDED FOR CROPPING.

SPRAYING EQUIPMENT SHOULD NOT BE DRAINED OR FLUSHED ONTO LAND PLANTED WITH OR INTENDED FOR PLANTING WITH TREES OR CROPS OTHER THAN CEREALS.  
POOR CLEANOUT PRACTICES AND INSUFFICIENT WATER VOLUMES USED FOR THE RINSE PROCEDURE MAY RESULT IN INADEQUATE REMOVAL OF PRODUCT DEPOSITS. SUBSEQUENT USE OF APPLICATION EQUIPMENT IN THESE CIRCUMSTANCES MAY RESULT IN DAMAGE TO NON-CEREAL CROPS.

**SPRAY TANK CLEAN-OUT**

TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN CEREALS, IMMEDIATELY AFTER SPRAYING ERGON THOROUGHLY CLEAN ALL SPRAY EQUIPMENT, INCLUDING INSIDE AND OUTSIDE OF LID, USING A PROPRIETARY SPRAYER CLEANER FOR USE WITH SULFONYL UREAS ACCORDING TO THE FOLLOWING PROCEDURE:

1. Immediately after spraying, drain tank completely. Wash any contamination off the outside of the sprayer with clean water.
2. Rinse the inside of the tank with clean water and flush at least one tenth of the spray tank volume through the boom and hoses. Drain tank completely.
3. Half-fill the tank with clean water and add the correct quantity of a proprietary sprayer cleaner for use with sulfonyl ureas. Agitate and then flush the boom and hoses with the solution. Top up completely with water and allow to stand for 15 minutes with agitation. Again flush the booms and hoses and drain tank completely (if it is not possible to drain the tank completely, repeat step 3 before going on).
4. Remove nozzles and filters and soak in a bucket containing a proprietary sprayer cleaner for use with sulfonyl ureas at the same concentration as that used for the sprayer.
5. Rinse tank again with clean water and flush at least one tenth of the tank volume through the booms and hoses. Drain tank completely.

**GENERAL NOTES:**

Consult label tank cleanup procedures for all tank mix partners and be sure to use the most rigorous procedure recommended.  
For disposal of washings, follow the Code of Practice for the Safe use of Pesticides on Farms and Holdings.  
Do not spray onto sensitive crops or land intended for cropping with a sensitive crop.

**NOTICE TO BUYER**

All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, 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.

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