



BELCHIM
C R O P P R O T E C T I O N

ROXY 800 EC

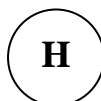
Version and date: Version 4 Summer 2018

Changes since last version: Removal of linuron tank mixture under "Potatoes" following revocation of all linuron approvals.

FORMULATION AND ACTIVE INGREDIENT: An emulsifiable concentrate containing 800 g/L prosulfocarb (78.4% w/w). A herbicide for the control of annual grass weeds and annual broad-leaved weeds in winter barley, winter wheat and early and maincrop potatoes.



PACK SIZE: 5 - 20 LT

MAPP No.: 17859



PROTECT FROM FROST
SHAKE WELL BEFORE USE
FOR PROFESSIONAL USE ONLY

IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL HERBICIDE			
Crops	Maximum individual dose (L product /ha)	Maximum number of treatments (per crop)	Latest time of application
Wheat (winter), Barley (winter)	5	1	Before crop emergence
Potato	5	1	Before crop emergence
Other specific restrictions: 1) This product must not be applied via hand-held equipment. 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.			
The following Aquatic Buffer Zones must be observed:			
Crops/situations	Aquatic buffer zone distance (metres):	Comment	
Barley (winter), wheat (winter), potato	5	See Environmental Protection Phrase 1	

ROXY 800 EC		An emulsifiable concentrate containing 800 g/L (78.4% w/w) prosulfocarb
WARNING		
	H319 H410	Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.
	P280 P305+P351+P338	Wear eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
	P337+P313	Wash contaminated clothing before reuse. Collect spillage.
	P363 P391 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.
	EUH208	Contains prosulfocarb. May produce an allergic reaction.
	EUH401	To avoid risks to human health and the environment comply with the instructions for use.
	SP1	Do not contaminate water with the product or its container.

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

SAFETY PRECAUTIONS OPERATOR PROTECTION

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

- WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.
- WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

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.
- WASH HANDS AND EXPOSED SKIN before eating and after work.
- WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

WORKER PROTECTION

- WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES when performing crop inspection in treated crops.

ENVIRONMENTAL PROTECTION

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

- DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of any 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, a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be observed. The results of the LERAP must be recorded and kept available for inspection for three years.
- Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.
- 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.

STORAGE AND DISPOSAL

- KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place.
- 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 safely.

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 to crops under stress or to crops suffering from waterlogging, pest attack, disease, frost or the effects of high diurnal temperature changes. Transient yellowing can occur although crops fully recover.

For winter cereals, seed must be covered by 3 cm of soil and for best results apply to a firm, moist seedbed free of clods.

DO NOT sow field beans or broad beans within 12 months of application.

DO NOT apply by hand-held equipment.

MIXING AND SPRAYING

Fill the spray tank with half the required volume of clean water and start agitation.

Add the required amount of ROXY 800 EC and continue agitation whilst adding the rest of the water. Agitate the mixture thoroughly before use and continue agitation during spraying.

Apply ROXY 800 EC in a water volume of 200–400 litres per hectare.

Apply ROXY 800 EC using a conventional fan nozzle producing a MEDIUM spray quality as defined by the British Crop Protection Council. A spray pressure of 2.0 –3.0 bars is recommended.

ROXY 800 EC is rainfast after 1 hour

WASHING OUT PROCEDURE

Immediately after use, clean the spray equipment thoroughly. Drain the system completely and rinse spray tank, boom and nozzles 2-3 times with clean water until the foam and all traces of product have been removed.

WEEDS CONTROLLED

GRASS WEEDS CONTROLLED

SUSCEPTIBLE

Weed	Growth stage
Rough stalked meadow-grass	Pre-emergence

MODERATELY SUSCEPTIBLE

Weed	Growth stage
Annual meadow-grass	Up to 3 leaves
Loose silky bent	Pre-emergence

ROXY 800 EC used pre-emergence will reduce black-grass and Italian rye-grass populations. It should only be used as part of an appropriate management strategy involving sequences with products of alternative modes of action and the use of cultural techniques.

**BROAD-LEAVED WEEDS CONTROLLED
SUSCEPTIBLE**

Weed	Growth stage
Ivy-leaved speedwell	Up to cotyledon stage
Black nightshade	Pre-emergence
Chickweed	Up to 2 true leaves
Forget-me-not	Pre-emergence
Cranesbill	Pre-emergence
Red dead nettle	Pre-emergence
Common field speedwell	Up to cotyledon stage
Green field speedwell	Up to cotyledon stage
Wall speedwell	Pre-emergence

MODERATELY SUSCEPTIBLE

Weed	Growth stage
Cleavers	Up to 1 whorl

CROP SPECIFIC INFORMATION

WINTER CEREALS

ROXY 800 EC applied pre-emergence may infrequently slow crop emergence. This effect is transient and has been demonstrated not to adversely affect yield.

POTATOES

For control of a wider spectrum of weeds use ROXY 800 EC in mixture with either diquat (QUAD-GLOB 200 SL, QUAZAR OR QUIT) or approved formulations of products containing the active ingredient metribuzin, only as a pre-emergence application. Please consult company literature for specific product and best use guidelines. Always observe full label restrictions for any tank mix partner.

TIMING

WINTER CEREALS

ROXY 800 EC must be used at pre-emergence of the crop. One application per crop.

EARLY AND MAINCROP POTATOES

ROXY 800 EC may be applied pre-emergence of the crop (soil rising over emerging potato shoots). Complete ridge formation before application of ROXY 800 EC and do not disturb treated soil after application.

RATES OF USE

WINTER CEREALS PRE-EMERGENCE

5 litres of product per hectare. One application per crop.

EARLY AND MAINCROP POTATOES (PRE-EMERGENCE)

5 litres of product per hectare. One application per crop

FOLLOWING CROPS

WINTER CEREALS, EARLY AND MAINCROP POTATOES

Do not sow field beans or broad beans within 12 months of application.

In the case of winter cereal crop failure, Winter wheat or Winter barley may be sown immediately in the autumn.

The following crops may be sown in the spring after winter cereal crop failure:

WITHOUT PLOUGHING

Sunflowers

Maize
Flax
Spring oats
Spring barley
Spring wheat
Spring peas
Spring oilseed rape
Soya beans

WITH PLOUGHING

Carrots
Lettuce
Onions
Sugar beet
Potatoes

DO NOT SOW

Field beans
Broad beans

The following crops may be sown in the autumn after potato crop failure or normal harvest:

WITHOUT PLOUGHING

Winter oats
Winter barley
Winter wheat

WEED RESISTANCE

Strains of some annual grasses (e.g. black-grass, wild oats, and Italian rye-grass) have developed resistance to a range of herbicides which may lead to poor control from one or more products or mode of action. A strategy for preventing and managing such resistance should be adopted. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop adviser or product manufacturer.

ROXY 800 EC should only be used for control of herbicide resistant strains of annual grasses as part of an appropriate management strategy, including sequences with herbicides of alternative modes of action and the use of cultural techniques.

COMPANY ADVISORY INFORMATION

- Ensure Boom height is maintained @ 50cm above target.
- Keep forward speeds < 12 km/hr.
- Apply with a Droplet Spectrum of Coarse to Very Coarse, use 3* LERAP (minimum 75% Drift Reduction Nozzles) at correct drift reduction operating pressures.
- Apply at 200 L water/ha.
- Wind < 4 m/s.
- Do not apply in still wind conditions (Force 0).

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. 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.

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