

Korvetto®

Arylex™ active

HERBICIDE

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GROUP 4 HERBICIDES

Product Registration Number: MAPP No. 19111 / PCS No. 06803

An EC (Emulsifiable Concentrate) formulation containing 120 g ai/l cloyralid and 5 g ai/l of halaxifen-methyl.

A post-emergence herbicide for use on winter oilseed rape in the spring for the control of a wide range of broadleaved weeds.

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

To avoid risks to man and the environment, comply with the instructions for use

PROTECT FROM FROST

READ DIRECTIONS FOR USE ON ATTACHED LEAFLET

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Situation: Winter oilseed rape

Maximum Individual Dose: }

Maximum Total Dose: } Full details are given in the Important

Latest Time of Application: } Information area on the attached leaflet

Other Specific Restrictions: }

**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.**

zone non imprimable

(UK only) This label is compliant with
the CPA Voluntary Initiative Guidance.

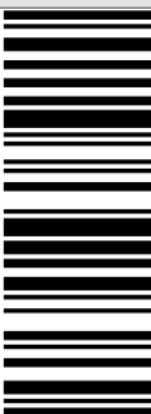


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SAFETY INFORMATION

KORVETTO®

clopyralid; halauxifen-methyl; Reaction mass of N,N-dimethyldecan-1-amide and N,N-dimethyloctanamide

UFI: MFN9-R065-6009-AF1M



Warning

Causes serious eye irritation

May cause respiratory irritation

Very toxic to aquatic life with long lasting effects

Avoid breathing vapours or spray.

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

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Repeated exposure may cause skin dryness or cracking.

Collect spillage.

Dispose of contents / container to a licensed hazardous-waste disposal contractor or collection site except for triple-rinsed empty clean 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.**

MAPP No 19111 / PCS No 06803

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on the front page)

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crop / Situation	Maximum Individual Dose (litres product/ha)	Maximum Total Dose (litres product/ha)	Latest Time of Application	Aquatic buffer zone distance (metres)
Winter oilseed rape	1.0	1.0	Before 1 st June and before flower buds are visible from above (BBCH50)	14m (UK) 5m (IRL)

Other Specific Restrictions:

Do not apply from 1st June – end of February.

Korvetto must not be applied prior to BBCH 30.

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SAFETY PRECAUTIONS

Operator protection:

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

(Ireland only) WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

(UK only) WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

(UK only) However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

DO NOT BREATHE SPRAY.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH CONCENTRATE from skin and eyes immediately.

WASH HANDS AND EXPOSED SKIN before eating and drinking, and after work.

Environmental protection:

(Ireland only) To protect aquatic organisms respect an unsprayed buffer zone of 5m.

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

(UK only) DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 14 metres of the top of the bank of a static or flowing water body, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water. THIS CROP IS NOT ELIGIBLE FOR BUFFER ZONE REDUCTION UNDER THE LERAP HORIZONTAL BOOM SPRAYERS SCHEME.

The statutory buffer zone must be maintained, and the distance recorded in the LERAP record form. The LERAP record form must be kept available for three years. 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.)

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

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.

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.

GENERAL INFORMATION

INTRODUCTION

KORVETTO is a selective post-emergence herbicide for use in winter oilseed rape.

KORVETTO is mainly absorbed through the foliage of the target weeds. The ideal timing is when the weeds are actively growing.

MODE OF ACTION and RESISTANCE MANAGEMENT

Product	Type	Active	HRAC group
KORVETTO	HERBICIDE	clopyralid	4
		halauxifen-methyl	4

KORVETTO contains two active ingredients: halauxifen-methyl and clopyralid. Halauxifen-methyl and clopyralid are both pyridine carboxylic acids, but halauxifen-methyl is an arylpicolinate. Both actives have a Group 4 HRAC classification. The risk of resistance developing to these Group 4 herbicides is considered to be low. Even though the risk of resistance developing is low, the following precautions are recommended to minimize any potential risk building:

- a) use rates to maximise control of high risk/difficult to control weed species.
- b) follow label statements concerning rates and timing of application.
- c) consider the use of cultural control methods and crop rotation where possible.
- d) do not rely solely on one mode of action, in the same field over several years.

SOIL TYPE

KORVETTO can be used on any soil type.

CROPS

KORVETTO can be used on winter oilseed rape for the control of broadleaved weeds.

TIMING

KORVETTO can be applied as a single application at a rate of 1.0 L/ha from the 1st March to the 31st May, once the crop begins stem elongation up to before the flower buds are visible from above the crop (BBCH 30-50).

Best results achieved when weeds are actively growing. Vigorous crop competition enhances control of weeds.

RATE OF USE, WEED SUSCEPTIBILITY AND MAXIMUM SIZE CONTROLLED

When applied at 1.0 L/ha KORVETTO will control the following weeds:

Weed species	Maximum growth stage controlled	Susceptibility
Cleavers	Up to 15 cm high/across	S
Common fumitory	Up to 10 cm high/across	S
Common poppy	Up to 10 cm high/across	MS (UK) S (IRL)
Corn chamomile	Up to 10 cm high/across	S
Cranesbill, cut-leaved	Up to 5 cm high/across	S
Cranesbill, small-flowered	Up to 5 cm high/across	S
Cranesbill, dove's-foot	Up to 5 cm high/across	MS
Creeping thistle	Up to 10 cm high/across	S
Flixweed	Up to 5 cm high/across	MR (UK) MS (IRL)
Groundsel	Up to 5 cm high/across	MS (UK) S (IRL)
Mayweed, scented	Up to 7.5 cm high/across	S
Mayweed, scentless	Up to 7.5 cm high/across	S
Red deadnettle	Up to 15 cm high/across	S

WEATHER CONDITIONS

KORVETTO can be used from 8 to 25 °C, in humid or dry conditions. In severe drought conditions there can be a slight reduction in efficacy.

RAINFASTNESS

(UK only) KORVETTO is rainfast 12 hours after application.

(Ireland only) KORVETTO is rainfast 1 hour after application.

WATER VOLUME

Using standard or low drift nozzles the recommended spray volume is 150 to 300 litres of water per hectare. The lowest water volume should only be used in open crops on small weeds. On later applications where the crop is dense, the spray volume should be increased to 200-300 litres of water per hectare.

SPRAY QUALITY

Apply KORVETTO as a MEDIUM spray as defined by the BCPC system.

CROP FAILURE

In the event of crop failure following a spring application of KORVETTO at 1.0 L/ha, only the following crops may be planted: spring oilseed rape, spring wheat, spring barley, spring oats, maize or spring linseed.(or ryegrass (IRL only) Ploughing or thorough cultivation must be undertaken prior to planting any replacement crops.

FOLLOWING CROPS

Do not plant susceptible autumn sown crops (e.g. winter beans) in the same year as treatment.

KORVETTO residues in plant tissues (including manure and digestate) which have not completely decayed may affect succeeding susceptible crops. If treated crop remains have not fully decayed by the time of planting following crops then avoid planting: peas, beans and other **legumes**; carrots and **other Umbelliferae**; potatoes; lettuce and other **Compositae**; glasshouse and protected crops.

Ploughing or thorough cultivation should be undertaken prior to planting leguminous crops (e.g. field beans and peas).

NOTES

Do not treat crops under stress. Stress can be caused by many factors including frost, drought, water logging, **trace element deficiency**, disease and pest attack, etc. KORVETTO can sometimes induce slight and transient (2-3 weeks) crop growth inhibition. This has no impact at all on final crop yield and quality.

Do not roll or harrow 7 days before or after application.

Take extreme care to avoid drift when applying KORVETTO near sensitive crops e.g. legumes, carrots, sunflower and potato.

After spraying KORVETTO, ensure all spraying equipment is thoroughly cleaned before treating a sensitive crop.

Do not use any plant material treated with KORVETTO for composting or mulching.

Do not use manure from animals fed on crops treated with KORVETTO for composting.

Chop and incorporate all treated plant remains in the early autumn (or as soon as possible after harvest) to release any residues into the soil, where they are more quickly broken down. Following good agronomic practice ensure that stubble and straw (including farmyard manure and digestate) and other treated plant remains have completely decayed before planting susceptible crops.

MIXING

KORVETTO can be used with hydraulic boom sprayers. It can be added to the top of the tank or through induction bowls. Add the appropriate amount of KORVETTO to clean water in a half-filled sprayer tank, mix thoroughly and add the remainder of the water. The spray mix must be agitated continuously during mixing and until application is complete.

TANK CLEANING

Following an application of KORVETTO, all spraying equipment must be thoroughly cleaned both inside and out using a proprietary spray tank cleaner as follows:

1. Immediately after spraying thoroughly and completely rinse all internal surfaces.
2. Rinse inside of tank with clean water and flush through booms and in-line filters using at least one tenth of the spray tank volume. Drain tank completely.
3. Fill tank with clean water (minimum 10% of tank capacity) and add tank cleaner at the recommended rate and agitate for 15 minutes. Flush the boom and hoses and drain tank completely.
4. Nozzles and filters should be removed and cleaned separately with a tank cleaner at the recommended rate.
5. 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.
6. For disposal of washings, follow Code of Practice for Using Plant Protection Products. Do not spray onto sensitive crop or land intended for cropping with sensitive crop.

Note: If it is not possible to drain the tank completely, step 3 must be repeated before going onto step 4.

COMPANY ADVISORY INFORMATION (UK only)

The following information does not form part of the product label under the UK Plant Protection Products Regulations and provides additional advice on product use at the discretion of Corteva Agriscience.

TRADEMARK ACKNOWLEDGEMENTS

KORVETTO is a trademark of Corteva Agriscience and its affiliated companies.

All other brand names used in this document are trademarks of other manufacturers in which proprietary rights may exist.

Corteva Agriscience 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.

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



<https://www.corteva.com/content/dam/dpagco/corteva/eu/gb/en/files/sds/Korvetto-SDS.pdf>



<https://www.corteva.ie/content/dam/dpagco/corteva/eu/ie/en/files/sds/KORVETTO-IRL-SDS.pdf>

Alternatively contact your supplier

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