



HERBICIDE

MAPP 16952

CORZAL is a post-emergence herbicide for the control of annual broad-leaved weeds in sugar beet, fodder beet, red beet and mangels.

Suspo-emulsion (SE) containing 157 g/l (15.2 % w/w) phenmedipham.



Warning

Causes serious eye irritation.

Very toxic to aquatic life with long lasting effects.

Avoid release to the environment.

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

If eye irritation persists: Get medical advice/attention.

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.

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



IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL HERBICIDE

Crop	Maximum individual dose	Maximum total dose	Latest timing of application
Sugar beet, fodder beet, red beet and mangels	2 litres product/ha	6 litres product/ha/crop	When crop leaves meet between the rows.

Other specific restrictions

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before any spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with the 'Local Environment Risk Assessment for Pesticides Horizontal Boom Sprayers' booklet available from the HSE Chemicals Regulation Directorate's website or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

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

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

WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate.

However, engineering controls may replace personal protective equipment where a COSHH assessment shows they provide an equal or higher standard of protection.

WASH CONCENTRATE from skin or eyes immediately.

ENVIRONMENTAL PROTECTION

THIS MATERIAL (AND ITS CONTAINER) MUST BE DISPOSED OF IN A SAFE WAY.

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.

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 1m of the top of a ditch which is dry at the time of application.



DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1m of the top of the bank of a static or flowing water body. 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 CRD'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.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

STORAGE AND DISPOSAL

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

DO NOT RE-USE THE 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.

CORZAL is a post-emergence herbicide for the control of annual broad-leaved weeds in sugar beet, fodder beet, red beet and mangels. It is a contact herbicide which is absorbed through the leaves of weeds with translocation primarily in the apoplast. It is recommended to use the product in combination with other herbicides, approved for this purpose.

For best results ensure an even spray coverage when weeds are actively growing and at a young growth stage i.e. the cotyledon stage. In general at this time the crop is in a similar growth stage. If necessary the application can be repeated when new weeds appear.

A minimum interval of 7 days must elapse between successive applications.

RESTRICTIONS

CORZAL should not be applied on crops under stress e.g. from the use of other pesticides, wind damage, lime deficiency, nutrient deficiencies, insect or fungal attacks, etc., as this may cause irreversible damage to the crop.

Do not apply if temperature is likely to rise above 21°C on the day of spraying and avoid spraying in full sunlight. In these cases, delay the application until the evening.

Do not apply immediately after a frost, or if frost is expected.

Care should be taken when using herbicide sequences, particularly on light soils and in wet seasons.

Do not roll or harrow the crop for 7 days before or after application.

Do not apply when rain is imminent, to wet foliage or during rainfall or drizzle.

All varieties of sugar beet, fodder beet, red beet and mangels can be sprayed providing the crop is not under stress at the time of application.

The crops should not be sprayed before the fully developed cotyledon stage.

Effects on processing of red beet have not been fully tested. Consult processor before use.

WEEDS CONTROLLED

Control of weeds by CORZAL alone is limited. Improved weed control can be achieved by mixing with other herbicides based on ethofumesate and/or metamitron. See 'Compatibility section' for further information about the possible mixing partners of CORZAL.

Correctly timed applications of CORZAL to young weeds in a repeat spray programme in combination with other herbicides will control the weeds below. The level of control is dependent on the correct dose and timing.

MODERATELY SUSCEPTIBLE

Common chickweed

RESISTANT

Common orache

Fat hen

Black bindweed

Annual meadow grass

CORZAL will not control annual or perennial grasses or perennial broad-leaved weeds.

CROP SPECIFIC INFORMATION

Do not use more than 6 litres CORZAL per ha per crop (growth season). The weed control for the repeated spray programme should be started when weeds are in the cotyledon stage. In general, at this timing the crop is germinating as well. An interval of minimum 7 days between the applications is recommended.

Dose: 2 litres/ha CORZAL.

Timing: Apply when weeds are in cotyledon stage.

If necessary repeat this application when new weeds appear.

See 'Compatibility section' for further information about the possible mixing partners of CORZAL.

RESISTANCE WARNING

Phenmedipham is in the chemical family of Phenyl-carbamates which inhibit photosynthesis at photosystem II. Products which have this mode of action should be applied limitedly.

Furthermore, 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.

MIXING AND SPRAYING

Apply as an overall post-emergence spray in 80-200 litres water per hectare as a MEDIUM quality spray (BCPC classification).

Check and clean all hoses, nozzles and equipment to be used prior to use. Half fill the sprayer tank with clean water and begin agitation. Add the required quantity of the mixing partner, followed by the required quantity of CORZAL. Fill the spray tank with water as required whilst agitating. Continue agitation until the spraying operation is complete.

After application, all equipment should be flushed with a dilute detergent solution and thoroughly rinsed with clean water at least 3 times. Care should be taken not to rinse contaminated washings from application equipment into waste water channels. Contaminated cleaning liquids should be disposed of safely according to local regulations.

Do not spray where the crop is under stress.

When spraying take care to avoid drift onto neighbouring crops, buildings or non-target plants.

COMPATIBILITY

The control of weeds can be improved by mixing CORZAL with other approved herbicides. It is recommended to use these tank mixtures as part of a repeated spray programme.

For information on tank mixes consult the UPL website – www.upleurope.com.

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 and 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. Our staff or agents cannot vary these conditions whether or not they supervise or assist in the use of such goods. CORZAL is a registered trademark of Agrichem B.V. Other brand names used in this guide are trademarks of other manufacturers for which propriety rights may exist.

To access the Safety Data Sheet for CORZAL please use the link below or scan the code.



<http://www.upleurope.com/product-list.html>

Alternatively, contact your local supplier.

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Maximum total dose

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Latest timing of application

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ENVIRONMENTAL PROTECTION

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**SHAKE WELL BEFORE USE
PROTECT FROM FROST**

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For Batch Number and Manufacturing Date see container

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For 24 hour emergency information contact:

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