



ETHOSAT[®] 500



ADAMA

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HERBICIDE

Suspension concentrate

MAPP 20605



Ingredients

- Ethofumesate 500 g/l (44.3 % w/w)



Crops

A herbicide for control of broad-leaved weeds in sugar beet, fodder beet, red beet and mangels.



Warning

Very toxic to aquatic life with long lasting effects. Contains (1,2-Benzisothiazolin-3(2H)-one). May produce an allergic reaction.

Keep out of reach of children.
Collect spillage.
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.



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Scan for Safety Data Sheet

Or use the weblink : <https://bit.ly/45u1kjR> Alternatively, contact your supplier.



R3.0 Aug 23

This label is compliant with the Voluntary Initiative Guidance.

NO VARNISH AREA

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**PROTECT FROM FROST
SHAKE WELL BEFORE USE**

GROUP 15 HERBICIDE

SAFETY PRECAUTIONS

Operator protection

WASH CONCENTRATE from skin or eyes immediately.
WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking, and after work.
DO NOT BREATHE SPRAY.

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.

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.
DO NOT RE-USE CONTAINER for any purpose.

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

For advice on medical emergencies, fires or major spills telephone the National Chemical Emergency Centre on 01865 407333.

IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops: Sugar beet, fodder beet, red beet, mangels

Maximum individual dose: 0.66 litres per hectare

Maximum total dose: 2.0 litres per hectare per crop

Latest time of application: Before crop cover complete and crop leaves meet between the rows (BBCH 39)

Other specific restrictions:

DO NOT apply more than 1 kg of ethofumesate per hectare in any three-year period.

This product must not be applied via hand-held equipment.

No food or feed crops except sugar beet, fodder beet, mangel and red beet may be grown within 120 days of treatment with ethofumesate.

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.

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This leaflet is part of the approved label.

ETHOSAT® 500 is a suspension concentrate formulation containing 500 g/l (44.3 % w/w) ethofumesate. It is a herbicide for control of broad-leaved weeds in sugar beet, fodder beet, red beet and mangels.

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.

Ethofumesate is a benzofuran herbicide for control of broad-leaved weeds.

ETHOSAT® 500 can be used as a pre- or post-weed emergence herbicide in sugar beet, fodder beet, red beet and mangels, including seed crops.

RESTRICTIONS OR WARNINGS

Do not apply on crops suffering from stress. This may be due to a number of factors e.g. nutrient or trace element deficiency such as manganese, soil acidity, drought, periods of low temperatures or frost, substantial day to night time fluctuations, high light intensity, wind or hail damage, use after other herbicides, pest or disease attacks.

Do not apply when temperatures exceed 21°C or in strong sunlight. If treatment is essential, delay spraying until the temperature falls and light intensity reduces.

Do not apply during frosty conditions or if frost is forecast or likely to occur within 7 days of treatment.

Avoid drift to areas outside of those being sprayed having due regard to the prevailing weather conditions and spray quality being used.

ETHOSAT 500 can be used on light soils and those with organic matter at or below 5%. On medium soils persistence and residual control may be reduced and/or weed control may be less than the listed susceptibilities.

RESISTANCE

ETHOSAT 500 contains ethofumesate, a HRAC/WSSA group 15 herbicide based on the mode of action classification system.

Repeated use of herbicides with the same mode of action can increase the risk of strains of weeds developing resistance to these compounds, leading to poor control. In order to minimize the risk, a strategy for preventing and managing such resistance should be adopted.

Growers are advised to apply products with different modes of action sequence or tank-mix where two or more components are active against the target weeds. Use the recommended rate of ETHOSAT 500 and the correct application timing for the harvest to control weed species present in the field.

The above should be used in conjunction with effective cropping rotation and cultivation techniques e.g. stale seedbed, cultivation and use of non-selective herbicides prior to drilling.

Further guidance on weed resistance management is available from the Herbicide Resistance Action Committee (HRAC) and Weed Resistance Action Group (WRAG). Follow WRAG Guidelines.

WEEDS CONTROLLED

The following weeds are controlled by a programme of three applications of 0.66 l/ha ETHOSAT 500 applied post-weed emergence (up to the maximum growth stage stated):

Cleavers	Susceptible up to 5 whorls unfolded
Common chickweed	Susceptible up to the cotyledon stage
Common field speedwell	Moderately susceptible up to the cotyledon stage
Field penny-cress	Susceptible up to the cotyledon stage
Fat hen	Susceptible up to the cotyledon stage
Shepherd's purse	Moderately resistant up to the cotyledon stage
Common fumitory	Moderately resistant up to 9 true leaves

Cleavers and Common chickweed are also controlled up to the growth stages stated above by one application of 0.66 L/ha ETHOSAT 500 applied pre- weed emergence, followed by two applications of 0.66 l/ha ETHOSAT 500 applied post-weed emergence.

CROP SPECIFIC INFORMATION

Sugar beet, red beet, fodder beet and mangels

All varieties of these crops (including seed crops) may be sprayed with ETHOSAT 500.

Consult processors before using on red beet grown for processing.

Time of Application

ETHOSAT 500 can be applied pre-emergence or post-emergence before crop leaves meet between the rows (before BBCH 39).

Rate of Use

Maximum individual dose: 0.66 L/ha

ETHOSAT 500 can be applied as an overall spray with up to three applications per crop with a minimum of 5 days between applications.

N.B. DO NOT apply more than 1kg of ethofumesate per hectare in any three year period.

Water volume

80-400 litres water per hectare.

ETHOSAT 500 should be applied as a FINE to MEDIUM quality spray (BCPC definition).

FOLLOWING CROPS

After ploughing (mould board) to a minimum depth of 15cm, any crop may be sown 120 days after applying combinations with ETHOSAT 500 at the doses recommended on this label.

MIXING AND SPRAYING

Shake ETHOSAT 500 well before use. Fill the spray tank with two thirds of the required amount of water. With the mixer switched on, add the product and the remaining water. Rinse empty containers thoroughly and add rinsing to the spray tank.

Continue with agitation until spraying is completed. Wash sprayer and other equipment thoroughly after use. Apply as FINE to MEDIUM spray as defined by BCPC.

Crops should not be re-entered until spray residues are dry.

CROP FAILURE

If crop failure occurs by reason of insect damage, soil blow, capping etc., re-drill only with sugar beet, red beet, fodder beet or mangels.

COMPANY ADVISORY SECTION

This section is not part of the Product Label under the Regulation (EC) 1107/2009 and provides additional advice on product use at the discretion of ADAMA Agricultural Solutions UK Ltd.

DISCLAIMER/CONDITIONS OF SUPPLY

The specified properties of our products and the mode of application stated on this label have been established on the basis of research and experience. Products conform to specification at the time of delivery but, as we exercise no control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application, all of which may affect the performance of the products, no responsibility or liability will be accepted by us or our re-sellers for any failure in performance, damage or injury to person or property whatsoever arising from the storage, handling, application or use of the products. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for any new and/or unusual growing methods or for new varieties not listed on this label.

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