

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

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection (UK only).  
WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH CONCENTRATE from skin or eyes immediately.

### Consumer protection:

DO NOT USE ON FOOD CROPS.

### Environmental protection:

To protect groundwater do not apply to grassland within one year of sowing from seed.

IE only: To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

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

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of any static or flowing waterbody or within 1m 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 waterbody. 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 the 'Local Environment Risk Assessment for Pesticides Horizontal Boom Sprayers' booklet available from the HSE Chemicals Regulation Division's website or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and 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.)

KEEP LIVESTOCK out of treated areas.

### Storage and disposal:

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

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

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

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



# Synero®

## HERBICIDE

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MAPP 18578/PCS No. 05394

GROUP 0 HERBICIDES

A water in oil emulsion containing 30 g/litre (3.5% w/w) aminopyralid (present as 36 g/litre aminopyralid potassium) + 100 g/litre (14.14% w/w) fluroxypyr (present as 144 g/litre fluroxypyr-methyl heptyl ester).

For the control of a wide range of deep-rooted PERENNIAL and HERBACEOUS WEEDS on NON-CROP LAND such as motorway and railway embankments, roadsides, grassland of no agricultural interest, and industrial areas (but excluding airfields).

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

### PROFESSIONAL USE ONLY

READ DIRECTIONS FOR USE ON ATTACHED LEAFLET.

PROTECT FROM FROST.

Triple Rinse Containers, Puncture and Invert to Dry at time of Use

### Authorisation Holder:

Corteva Agriscience UK Limited

CPC2 Capital Park, Fulbourn, Cambridge. CB21 5XE, UK

Telephone: +44 (0)1462 457272

For Technical Enquires Call: 0800 6898899 or email: ukhotline@corteva.com

Emergency Tel: +44 (0) 161 884 1235 (UK) or +353 76 680 5288 (Ireland)

National Poison Centre: 111 (UK) or 01 809 2166 (Ireland)



Synero® Contains: Hydrocarbons, C10, aromatics, <1% naphthalene

### DANGER

May be fatal if swallowed and enters airways

Causes skin irritation

Causes serious eye damage

May cause drowsiness or dizziness

Very toxic to aquatic life with long lasting effects

Avoid breathing vapours.

Wear protective gloves/clothing/eye/face protection.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Store locked up.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean triple rinsed containers which can be disposed of as non-hazardous waste.

Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

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

MAPP 18578/PCS No. 05394

### IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crop / Situation:	Amenity grassland
Maximum Individual Dose:	}
Maximum Number of Treatments:	} Full details are given in the Important
Method 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.



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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.

Users must have received adequate instruction, training and guidance in the safe use of the product and must take all reasonable precautions to protect the health of human beings, creatures and plants and safe guard the environment.

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crops/Situations: Amenity grassland  
Maximum Individual Dose: 2.0 litres product per hectare  
Maximum Number of Treatments: One

Other Specific Restrictions:

- 1. Do not use between 31<sup>st</sup> July and 1<sup>st</sup> March.
- 2. For applications made between 1<sup>st</sup> March and 31<sup>st</sup> May, 1 application may be made per calendar year.
- 3. For applications made between 1<sup>st</sup> June and 31<sup>st</sup> July, only 1 application may be made in a 2 year period.
- 4. SYNERO must be used with an antifoaming agent.
- 5. DO NOT USE on airfields.
- 6. DO NOT USE ON LAND that will be grazed by livestock.
- 7. DO NOT USE ON LAND within one year of sowing seed.
- 8. DO NOT USE ON LAND where the vegetation will be cut for animal feed, fodder or bedding nor for composting or mulching within one calendar year of treatment.
- 9. Users must have received adequate instruction, training and guidance in the safe use of the product and must take all reasonable precautions to protect the health of human beings, creatures and plants and safeguard the environment.
- 10. Do not apply spot applications to more than 20% of the area: if infestation levels exceed this figure then a broadcast application should be made.

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.

WARNINGS

Use of an antifoam is compulsory with this product.

Avoid damage by drift onto susceptible crops, non-target plants or waterways. Do not apply directly to, or allow spray drift to come into contact with agricultural or horticultural crops, amenity plantings, gardens, ponds, lakes or watercourses.

**SENSITIVE PLANTS** may be harmed by residues of SYNERO® in soil and treated vegetation. Do not apply SYNERO on or adjacent to soil which may be used as garden top-soil, potting soil, etc. or to grass which may be cut and used as mulch or for compost for horticultural or garden crops. Do not use cuttings from treated grass for mulching or composting.

Cut treated grass must not be removed from site, or used for animal feed, animal bedding, composting or mulching. Treated grass must not be used for grazing.

On level ground there is negligible lateral movement but do not apply SYNERO around desirable trees or shrubs or where their roots may take up a lethal dose; care should be taken on slopes to prevent leaching into areas where desirable shrubs, etc are present.

Grass and weeds must be actively growing to ensure good weed control and minimal check to the grass. Therefore do not spray in drought, very hot or very cold weather conditions.

Where a broadcast application is made to a high cover of Japanese knotweed and bramble, in season control may be variable. Control will be improved if a spot treatment is used for these target weeds. Where there is a high reservoir of weed seed in the soils and/or a historically high weed population, a programmed approach may be needed involving a further application in the following year (see Other Specific Restrictions).

Do not use on grass less than one year old.

Do not use on crops grown for seed.

Applications of SYNERO may lead to a slight leaning of the grass but this is transient.

SYNERO is safe to grass. Very occasionally some yellowing of the sward may occur; this is transient and quickly outgrown.

To allow maximum translocation of SYNERO to the roots do not cut grass for 7 days after application.

Clover will be killed by application of SYNERO.

Control may be reduced if rain falls within 1 hour of application.

Wash equipment thoroughly with water and detergent immediately after use.

WEED CONTROL

WEEDS CONTROLLED, RATES OF USE AND TIMING OF APPLICATION

Weeds	Rates of use litres/ha	Optimum timing of application
Broad-leaved dock	2.0	Treat when the docks are actively growing, in the rosette stage up to 25 cm high or wide
Curled dock	2.0	Treat when the docks are actively growing, in the rosette stage up to 25 cm high or wide
Creeping thistle	2.0	Treat when the thistles are actively growing, in the rosette stage up to 25 cm high
Spear thistle	2.0	Treat when the thistles are actively growing, in the rosette stage up to 25 cm high
Common nettle	2.0	Treat when the nettles are actively growing, up to 30 cm high
Creeping buttercup	2.0	Treat when the buttercups are actively growing, before flowering
Dandelion	2.0	Treat when the dandelions are actively growing, before flower bud
Mugwort	2.0	Treat when the mugwort is actively growing, before flowering

Weeds	Rates of use litres/ha	Optimum timing of application
Japanese knotweed	2.0	Treat when the Japanese knotweed is actively growing
Ragwort	2.0	Treat when the ragwort is actively growing, in the rosette stage up to 20 cm high
Bramble	2.0	Treat when the bramble is actively growing,

TIMING OF APPLICATION

The timing of application of SYNERO is crucial. For good results the product must be applied to actively growing weeds at the correct growth stage as detailed in the WEED CONTROL section of this label.

APPLICATION

Broadcast Treatment

SYNERO should be applied through a tractor-mounted hydraulic sprayer provided it is in good working order and has been calibrated according to the manufacturers’ recommendations.

For applications made between 1<sup>st</sup> March and 31<sup>st</sup> May, 1 application may be made per calendar year.

For applications made between 1<sup>st</sup> June and 31<sup>st</sup> July, only 1 application may be made in a 2 year period.

Do not use between 31<sup>st</sup> July and 1<sup>st</sup> March.

Mixing

Use of an antifoam is compulsory with this product.

Fill the spray tank half full with water and add required amount of SYNERO mixing well. Top up with water and continue agitation until the spray tank is full. Maintain agitation while spraying. Use the spray immediately.

Spray Volume

For overall application SYNERO should be used in a spray volume of 200 litres of water per hectare to give good coverage of the weeds.

A higher water volume of 250-400 litres of water per hectare may be required where the weed population is high and where the grass is dense at the time of application.

Spray Quality

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

Spot Treatment

For localised treatment using a suitable lance from a knapsack or tractor mounted sprayer use a solution of 100 ml SYNERO per 10 litres of water. The weeds should be thoroughly wetted with the spray solution but spraying until “run-off” will decrease activity. The use of flood jets is recommended to prevent drift. Care should be taken to avoid local overdosing.

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One application may be made to 20% of the area only. If infestation exceeds this level then a broadcast application should be made.

COMPANY ADVISORY INFORMATION

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

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

All other brand names are trademarks of other manufacturers for 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.

For further information please contact Corteva Agriscience

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

UK :



<https://www.corteva.co.uk/content/dam/dpagco/corteva/eu/gb/en/files/sds/SYNERO-SDS.pdf>

IRL :



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

Alternatively contact your supplier

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