

Halcyon®

HERBICIDE

™ ® Trademarks of Corteva Agriscience and its affiliated companies.

HALCYON®

Contains Hydrocarbons, C10, aromatics, <1% naphthalene

UFI: T1A2-70J3-W00S-PXQD**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 in closed container.

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.

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.Non-printable
area

0 2 8 8 1 2 0

2501

NET CONTENTS : 5 LITRES e



Halcyon®

HERBICIDE



™ ® Trademarks of Corteva Agriscience and its affiliated companies.

GROUP 4 HERBICIDES

Product Registration Number: MAPP No. 18561

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).

A foliar acting herbicide for the long term control of ANNUAL and PERENNIAL BROAD-LEAVED WEEDS in GRASSLAND FOR GRAZING ONLY.

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

**READ DIRECTIONS FOR USE ON ATTACHED LEAFLET
PROTECT FROM FROST**

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crops / Situation:	Grassland for grazing only
Maximum Individual Dose:	Full details are given in the Important Information area on the attached leaflet
Maximum Number of Treatments:	
Latest Timing of Application:	
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

This label is compliant with
the CPA Voluntary Initiative Guidance.

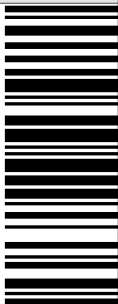


NET CONTENTS : 5 LITRES e

Blank area for in-house print of
2D data matrix code

0297608

2511



SPECIMEN

**Non-printed area on page 2 ONLY
(on the back of 2D code area printed
on the front page)**

HALCYON®

Contains Hydrocarbons, C10, aromatics, <1% naphthalene

UFI: T1A2-70J3-W00S-PXQD



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 in closed container.

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.

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.

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.

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 leys less than **1 year** old.

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 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 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, 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.

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.)

Livestock must be kept out of treated areas for at least 7 days following treatment. **IF RAGWORT IS PRESENT, FOLLOW THE GUIDANCE IN THE 'DIRECTIONS FOR USE'.**

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.

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crops / Situations:	Grassland for grazing only
Maximum Individual Dose:	2.0 litres product per hectare
Maximum Number of Treatments:	One (see 'Other Specific Restrictions')
Latest Time of Application:	7 days before grazing

Other Specific Restrictions:

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

DO NOT APPLY to leys less than 1 year old.

DO NOT use between 1st August and the end of February.

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

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

Livestock must be kept out of treated areas for at least 7 days following treatment. IF RAGWORT IS PRESENT, FOLLOW THE GUIDANCE IN THE 'DIRECTIONS FOR USE'.

DO NOT USE ON GRASSLAND that will be cut for animal feed, fodder or bedding nor for composting or mulching within one calendar year of treatment.

DO NOT USE ON GRASSLAND that will be grazed by animals other than cattle and sheep.

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.

Manure from animals grazed on HALCYON treated grassland in the previous calendar year should not leave the farm. This manure should only be spread onto agricultural grassland.

Manure from animals fed silage, hay or haylage produced from grassland treated in the previous calendar year should not leave the farm.

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 PROTECTIONS PRODUCTS.

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

One of the active ingredients in HALCYON is aminopyralid. In common with some other herbicides, it has the ability to pass through the digestive system and be found at trace levels in animal waste. These trace levels could be sufficient to have an impact on sensitive crops such as peas, beans, clover and other legumes, sugar beet, fodder beet, carrots, parsnips and other umbelliferae, potatoes and tomatoes, lettuce and other compositae.

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. Consult the manufacturer for specific advice.

WARNINGS

HALCYON must only be applied to established grassland which will be grazed by cattle or sheep.

Grass treated with HALCYON must not be cut for hay, **haylage** or **silage** in the calendar year of treatment.

HALCYON must only be applied to established grassland **intended for grazing** in the calendar year of application. Where **silage**, **hay** or **haylage** is produced from this area in the following calendar year, it must stay on the farm. Any manure subsequently produced from animals **fed on** this must stay on the farm. This manure should only be spread onto **agricultural grassland**.

Where ragwort is present users should **consult** the 'Code of Practice on How to Prevent the Spread of Ragwort'. Ragwort plants **sprayed** with this herbicide are more palatable and contain higher level of toxins. Animals should be excluded from treated areas **until** any ragwort has completely recovered or died and there is no visible sign of **the dead weed**.

DO NOT include treated ragwort in **hay** or **silage** crops.

Following Crops

HALCYON residues in plant tissues **which have** not completely decayed may affect succeeding **susceptible crops** e.g. **peas**, **beans** and other legumes, **sugar beet**, **fodder beet**, **carrots** and **umbelliferae**, **potatoes** and **tomatoes**, **lettuce** and other **compositae**.

Only **barley**, **wheat**, **oat**, **rye** and **maize** can be grown in rotation following harvest of crops treated with **HALCYON**.

Oilseed rape can only be **planted** after **1 year** following application of **HALCYON**. **All other** rotational crops must not be planted until **2 years** after application of **HALCYON**.

DO NOT plant **potatoes**, **sugar beet**, **fodder beet**, **vegetables**, **beans** or other **leguminous crops** in the **next** calendar year following an application of **manure** from animals **fed on** grass treated with **HALCYON** or **fodder** resulting from grass treated with **HALCYON**.

Following **good agricultural practice** ensures that plant remains have **completely decayed** **before** planting **susceptible crops**.

Neighbouring Crops / Plants

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**.

Farmyard Manure / Slurry / Compost / Mulch Management

Any accumulations of manure or slurry following grazing on treated grassland, for example from dairy herds, must stay on the farm of origin and be spread onto grassland. Under no circumstances should this manure be supplied to gardeners or allotment holders, or commercial compost producers i.e. there must be no off-farm sale or supply.

Aminopyralid may be present in manures derived from yards or livestock sheds where livestock have previously grazed areas treated with HALCYON. Thus, **DO NOT** spread such manure onto SSSI land or land in an agri-environment agreement before consulting with your adviser.

Aminopyralid in animal manure may damage botanically valuable wildlife habitats including species-rich and low-input grassland, rough grazing and wetlands. This includes land in ELS agreement where the objective is the protection or promotion of botanical diversity. Ensure that animals grazing on grassland treated with HALCYON do not have access to such land unless they have spent a minimum of three days grazing on other land that has not been treated with an aminopyralid containing product.

DO NOT use any plant material treated with HALCYON for composting, mulching or any other non-agricultural purpose.

DO NOT use animal waste (e.g. manure, slurry) from animals fed on grass treated with HALCYON for composting or mulching susceptible crops.

NOTES

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.

DO NOT roll or harrow grass for 10 days before or 7 days after application. **DO NOT** use on crops grown for seed.

Late applications of HALCYON may lead to a slight leaning of the grass but this is transient and does not affect the yield of the grass.

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

If the grass has been cut for hay or silage or grazed leave 2-3 weeks to allow sufficient regrowth to occur before spraying.

Where there is a high reservoir of weed seed in the soil and/or a historically high weed population, a programmed weed control approach may be needed involving a second application the following year (see Other Specific Restrictions).

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

Wash equipment thoroughly with water and liquid detergent immediately after use. Finally wash out twice with water and drain.

CLOVER MANAGEMENT

Clover will be killed by application of HALCYON.

DO NOT drill clover within 4 months of applying HALCYON.

Once control of target weeds has been achieved, and you have ensured that plant remains have completely decayed, clover can be re-introduced 4 months after application.

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
Ragwort	2.0	Treat when the ragwort is actively growing, in the rosette stage up to 20 cm high
Common chickweed	1.0	Treat when the chickweed is actively growing, up to 30 cm wide

OVERALL APPLICATION

The timing of application of HALCYON 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

HALCYON 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 1st March and 31st May, 1 application may be made per calendar year.

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

DO NOT use between 1st August and the end of February.

Mixing

Fill the spray tank half full with water and add required amount of HALCYON 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 HALCYON 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 250-300 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.

COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under the Plant Products Regulations 1995 and provides additional advice on product use at the discretion of the Corteva Agriscience.

TRADEMARK ACKNOWLEDGEMENTS

Halcyon 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.

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/HALCYON-SDS.pdf>

Alternatively contact your supplier

**THIS PAGE HAS BEEN
LEFT BLANK
INTENTIONALLY**

Halcyon[®]

HERBICIDE

™ ® Trademarks of Corteva Agriscience and its affiliated companies.

GROUP 4 HERBICIDES**Product Registration Number: MAPP No. 18561**

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).

A foliar acting herbicide for the long term control of ANNUAL and PERENNIAL BROAD-LEAVED WEEDS in GRASSLAND FOR GRAZING ONLY.

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

**READ DIRECTIONS FOR USE ON ATTACHED LEAFLET
PROTECT FROM FROST****IMPORTANT INFORMATION**

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crops / Situation:	Grassland for grazing only
Maximum Individual Dose:	}
Maximum Number of Treatments:	} Full details are given in the Important
Latest Timing 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.

This label is compliant with
the CPA Voluntary Initiative Guidance.

**NET CONTENTS : 5 LITRES e**

NO PRINT – GLUE PAGE