

HERBICIDE



Gal-Gone®

Contents: **5L**e

A selective post-emergence herbicide for use on winter and spring cereals, forage maize and grassland to control a range of perennial and annual weeds, including cleavers, common chickweed, field forget-me-not, common hempnettle, black bindweed, volunteer potatoes, docks and common nettle

An emulsifiable concentrate containing 200 g/L fluroxypyr (20.4% w/w) as the 1-methyl heptyl ester

MAPP No.: 17505

GROUP



HERBICIDE



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

Production date / Batch number: see packaging

FOR PROFESSIONAL USE ONLY

For warehouse purpose only:



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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:

- WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.
- WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.
- WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when applying by hand-held equipment.

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

- WASH CONCENTRATE from skin or eyes immediately.
- WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.
- WHEN USING, DO NOT DRINK, EAT OR SMOKE.
- IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical attention.
- IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

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.
- Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.
- 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'.
- 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. [DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1 m 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.

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.
- KEEP OUT OF REACH OF CHILDREN.
- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
- 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.

MIXING AND SPRAYING

The rate of use of GAL-GONE is dependent on the weed, the size of weed and the tank-mix used as detailed below. Using standard nozzles the recommended spray volume is 150 to 400 litres water per hectare. The lowest volume should only be used in very open crops on small weeds.

On later applications where the crop is dense the spray volume should be increased to 400 litres water per hectare. The minimum recommended pressure is 2 to 3 bars.

Apply GAL-GONE as a MEDIUM spray as defined by the BCPC system. Add the appropriate amount of GAL-GONE to clean water in a half-filled sprayer tank, mix thoroughly and add the remainder of the water. The spray mix must be used immediately and agitated continuously during mixing and until application is complete.

CROP SPECIFIC INFORMATION

GAL-GONE is a translocated herbicide taken up by the leaves of weeds. It is essential that the target weeds have fully emerged before application and that good spray of the weed foliage is achieved. Weeds which emerge after application are not controlled.

Best results are achieved against small weeds growing actively under warm, moist conditions. These conditions are particularly important for the control of cleavers. Ensure that crops are vigorous with growth unaffected by frost, pests, disease, nutrient deficiency or moisture stress before treatment. Do not treat waterlogged crops or crops under drought stress.

Spring treatments (from 1st March onwards on winter crops)

CEREALS AND FORAGE MAIZE

| Crop | Timing of application | Rate L/ha | Weeds Controlled & Maximum Growth Stage for control |
|---|--|-----------|--|
| Winter wheat Winter barley | Apply from the 2 leaf stage (Zadoks 12) until flag sheath opening stage (Zadoks 45) | 1.0 | Cleavers (flowering) Common chickweed (flowering) Common hemp-nettle (flowering) |
| Winter oats Winter Rye Durum wheat Triticale * | Apply from the 2 leaf stage (Zadoks 12) until before the second node detectable stage (Zadoks 31) | 1.0 | Black bindweed (6 leaves) Red dead-nettle (4 leaves) Knotgrass (2 leaves) Common fumitory (2 leaves) Groundsel (checked at 2 leaves) Mayweeds (checked at 2 leaves) Redshank (checked at 2 leaves) Common field-speedwell (checked at 2 leaves) Ivy-leaved speedwell (checked at 2 leaves) |
| Spring wheat Spring barley | Apply from the 2 leaf stage (Zadoks 12) until before flag leaf sheath extending stage. | 0.75 | Cleavers (10 cm) Common chickweed (10 cm) Common hemp-nettle (10 cm) Black bindweed (4 leaves) |
| Spring oats | Apply from the 2 leaf stage (Zadoks 12) until before second node detectable stage. | 0.75 | Knotgrass (2 leaves) Common fumitory (2 leaves) Groundsel (checked at 2 leaves) Mayweeds (checked at 2 leaves) Redshank (checked at 2 leaves) Common field-speedwell (checked at 2 leaves) Ivy-leaved speedwell (checked at 2 leaves) |
| Forage maize ** | From 3-6 leaves unfolded and before the crop is 20 cm high and before any buttress roots start to develop at the first node. | 1 | Black nightshade (cotyledons up to 6 true leaves), use 200-300 L water |

* Do not tank-mix with any herbicide for use on triticale.

** DO NOT apply to forage maize beyond the recommended growth stages or once buttress roots have formed. Do not apply in tank-mix with any other product. Avoid boom overlap.

Autumn treatments - winter wheat and winter barley

| Crop | Timing of application | Rate L/ha | Weeds Controlled & Maximum Growth Stage for control |
|-------------------------------|--|-----------|---|
| Winter barley Winter wheat | From the crop having 2 leaves unfolded until 1st February. Do not treat rapidly developing crops beyond the fully tillered stage. If this occurs before 1st February delay application until after 1st March | 0.75 | Cleavers (to 5 cm) Common chickweed (to 5 cm) |

Two-way mixtures with other broad-leaved weedkillers.

GAL-GONE is also compatible in two-way mixture with approved salt formulations of MCPA. Refer to the product label for weed susceptibilities, timing of application, etc, for this mixture. The addition of the recommended rate of approved salt formulations of MCPA to GAL-GONE is recommended where weeds such as common poppy, fat-hen and shepherd's-purse are present.

The timing of application of GAL-GONE mixtures depends on the tank-mix partner but mixtures should not be applied after the first node detectable stage (Zadoks 31).

VOLUNTEER POTATO CONTROL (winter wheat and winter barley only)

Timing - cereal crop stage

Apply 2.0 litres of GAL-GONE any time from the third node detectable stage of crop growth up to and including the flag leaf ligule just visible stage (Zadoks 33 to 39 inclusive) in 300 to 400 litres water per hectare using standard nozzles.

Weed control stage

Potato shoots from 10 cm up to 40 cm in height.

Notes

GAL-GONE will only affect shoots which have emerged at the time of spraying. GAL-GONE will not give complete control of top growth. However, a good degree of stunting can be expected, which will reduce the competitive threat posed to these crops by this weed. Because volunteer potatoes can emerge over an extended period, sprays applied later in the recommended period will generally give better results.

The main factors for obtaining successful results are that there is sufficient actively growing green foliage on the potatoes and that good coverage of this foliage is achieved, for example by use of sufficiently high water volumes. In addition to the control of volunteer potato haulm this use of GAL-GONE will give a useful reduction in the viability of daughter tubers.

Warnings

These warnings apply only for this high rate recommendation 2 L/ha for GAL-GONE. They do not apply where GAL-GONE is used at the standard rates for annual broad-leaved weed control (0.5 to 1.0 L/ha). Avoid overlapping spray bouts.

Straw from cereals treated at these rates and timings with GAL-GONE may contain residues which could damage certain crops.

Straw must not be incorporated back into the soil. When straw is disposed of by baling and carting it should be used only for animal bedding. Manure from such animal bedding should only be used on or before cereal or grass crops.

DO NOT PLANT WINTER BEANS or legumes in the same year as this treatment with GAL-GONE.

DO NOT PLANT PEAS or other legumes in the spring following the treatment.

DO NOT TANK-MIX GAL-GONE WITH ANY OTHER PRODUCT when used as recommended above.

GRASSLAND

Newly sown and established grass leys and permanent pasture may be treated with GAL-GONE for the control of annual and perennial broad-leaved weeds when weeds are actively growing. Do not spray swards containing clovers or other legumes if there are important constituents of the sward.

Annual weeds - newly sown grass leys

Application of GAL-GONE at 0.75 L/ha in a spray volume of 200 to 400 L of water per hectare to give good coverage of the weeds will

control common chickweed up to 50 mm. Grasses should have at least 3 fully expanded leaves.

Perennial weeds - established grassland

Apply GAL-GONE at 2.0 L/ha in a spray volume of 300 to 400 L of water per hectare to give good coverage of the weeds.

| WEEDS | Rate of use L/ha | Optimum timing of application |
|--------------------------------|------------------|---|
| Common nettle | 2.0 | Spray when actively growing but before flowering (normally up to mid-June). A reduction in top growth only can be expected. |
| Dandelion | 2.0 | Spray when actively growing but before flowering (normally up to mid-June). |
| Dock (curled and broad leaved) | 2.0 | Treat in the Spring when the docks are at the rosette stage (broad leaved) 15 to 20 cm high. If the grass has been cut for hay or silage or grazed over winter, leave for 2 to 3 weeks to allow sufficient re growth to occur before spraying. On large well established docks, or where there is high reservoir of seed in the soil, a second dose the following year may be required. |

CROP FAILURE

In the event of a cereal crop failure the following crops can be sown: Spring cereals, spring oilseed rape, maize, onion, cultivated poppies and new leys. A minimum interval of 5 weeks is required and there are no cultivation restrictions.

ROTATIONAL CROPS

All crops can be sown following application of GAL-GONE.

COMPATIBILITY

GAL-GONE should be applied in tank-mix with other products only if any requirements or restrictions on the other product label do not conflict with the requirements or restrictions for GAL-GONE.

Tank-mixes should not be allowed to stand in the tank and agitation should be maintained at all times.

Crops, timings, etc, can be affected by the rate and type of tank-mix partner used. Always refer to the product label of the tank-mix partner. Mix GAL-GONE in the spray tank first except when mixing with water dispersible granules, wettable powders or suspension concentrates (flowables). Each product should be added to the half-full sprayer tank and be fully dispersed before the addition of the next product.

GAL-GONE can be tank-mixed with a number of other herbicides to

broaden the spectrum of weeds controlled. These other herbicides may have crop, timing, varietal and other restrictions which are different to those of GAL-GONE. Tank-mixes should only be applied within label recommendations of every product in the mix.

For more information on possible tank mixtures, contact your distributor.

NOTES

Apply to dry foliage.

For best results apply GAL-GONE when weeds are actively growing.

In newly-sown crops, seedling and small weeds are more susceptible to GAL-GONE and will respond quicker when treated at this stage. Vigorous crop competition enhances control of the more resistant weeds and prevents weeds which germinate after application from becoming a problem in the crop.

Crops undersown with grass may be sprayed provided the grasses are tillering.

Do not apply to crops undersown with clover or other legume-containing mixtures.

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 with higher levels of toxins. Animals should be excluded from treated areas until any ragwort has completely recovered or died and there is no visual sign of the dead weed. Do not include treated ragwort in hay or silage crops.

GAL-GONE will only produce optimum results when the weeds are actively growing and the crop competitive. This is particularly important with cleavers.

GAL-GONE is of low volatility and is therefore not subject to vapour drift.

Do not spray in windy weather and avoid drift onto non-target crops/areas.

Do not treat crops under stress. Stress can be caused by many factors including frost, drought, waterlogging, trace element deficiency, disease and pest attack etc.

Do not spray if night temperatures are low or if frost is imminent.

GAL-GONE used alone is rainfast one hour after application.

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

Wash equipment thoroughly with water and detergent immediately after use.

Traces of GAL-GONE can cause harm to susceptible crops sprayed later.

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.

WARRANTY

The seller makes no warranty, expressed or implied, with regard to the use of the product other than that indicated on the label. The purchaser and user shall assume all risk associated with use and/or handling and/or the storage of the product, if this use and/or handling and/or storage are carried out contrary to the instructions on the label.

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



WEBLINK to specific data sheet on manufacturer's website:

www.belchim.co.uk/pdf/MSDS/Gal-gone_MSDS.pdf

Alternatively, contact your supplier.

IMPORTANT INFORMATION - FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

| Crops/Situations: | Maximum individual dose: (L product / ha) | Maximum total dose: (L product/ha/crop) | Latest time of application: |
|--|--|--|---|
| Winter wheat and winter barley | 2 | 2 | Before flag leaf sheath opening stage (up to Zadoks 45 inclusive) |
| Winter oats, rye, triticale, durum wheat | 1 | 1 | Before second node detectable stage (up to Zadoks 31 inclusive) |
| Spring wheat and spring barley | 0.75 | 0.75 | Before flag leaf sheath extending stage (up to Zadoks 39 inclusive) |
| Spring oats | 0.75 | 0.75 | Before second node detectable stage (up to Zadoks 31 inclusive) |
| Forage maize | 1 | 1 | Before seven leaves unfolded stage |
| Grasland | 2 | 2 L product / ha / year | - |

Other specific restrictions:

- A maximum total dose of 0.75L/ha must be observed for applications made to cereals between crop-emergence in the year of planting and 1st February in the year of harvest.
- The container must not be re-used for any purpose.
- 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'.

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.

DANGER

Gal-Gone®
An emulsifiable concentrate containing 200 g/L fluroxypyr (20.4% w/w) as the 1-methyl heptyl ester

H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness
H410 Very toxic to aquatic life with long lasting effects

P261 Avoid breathing mist, spray.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, eye protection, face protection
P301+P310 IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician
P302+P352 IF ON SKIN: Wash with plenty of soap and water
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a doctor, a POISON CENTER if you feel unwell.
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.
P501 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.

EUH401 To avoid risks to human health and the environment, comply with the instructions for use