



Gallup Hi-Aktiv[®] Amenity

Contains 490 g/l glyphosate

MAPP No. 12898

A systemic herbicide, as a soluble concentrate, for the control of most broad-leaved and grass weeds, especially common couch or scutch, in woodlands and forests, on land not intended for cropping and for weed control on or near water.

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 and contaminated surfaces.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND RUBBER BOOTS when using hand-held sprayers, hand-held rotary atomisers, weed-wiping equipment or when making cut stump treatments.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES, RUBBER BOOTS AND FACE PROTECTION (FACESHIELD) when using stem injection 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.

DO NOT BREATHE SPRAY.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

WASH HANDS AND EXPOSED SKIN before meals and after work.

ENVIRONMENTAL PROTECTION

Do not contaminate water with the product or its container* (Do not clean application equipment near surface water/Avoid contamination from farmyards and roads) *except when used as directed.

The maximum concentration of glyphosate in the water must not exceed 0.2 ppm or such lower concentration as the appropriate regulatory body may require.

STORAGE AND DISPOSAL

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

DO NOT RE-USE CONTAINER FOR ANY PURPOSE. KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

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

TO AVOID RISKS TO MAN AND THE ENVIRONMENT COMPLY WITH THE INSTRUCTION FOR USE

Safety Data Sheet available for professional users on request.

This product is approved under The Plant Protection Products Regulations (as amended).

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

PROTECT FROM FROST

IMPORTANT INFORMATION

FOR USE ONLY AS A HORTICULTURAL/INDUSTRIAL/FORESTRY/AQUATIC HERBICIDE

See Statutory Area on attached leaflet for the following:

Crops/situation, Maximum individual dose of product, Maximum number of treatments, Latest time 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

Manufacturer:

Barclay Chemicals Manufacturing Ltd.,
Damastown Way, Damastown Industrial Park,
Mulhuddart, Dublin 15, Ireland.

Tel: 00 353 (0) 1 8112900

Fax: 00 353 (0) 1 8224678

E-mail: info@barclay.ie Website: www.barclay.ie

Approval Holder: Barclay Chemicals R&D Ltd, Contact details as above.

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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.

IMPORTANT INFORMATION

COMPLIANCE WITH THE FOLLOWING CONDITIONS OF USE AND ALL SAFETY PRECAUTIONS IS A LEGAL REQUIREMENT FOR USE ONLY AS A HORTICULTURAL/INDUSTRIAL/FORESTRY/AQUATIC HERBICIDE

<u>Crop or situation</u>	<u>Maximum individual dose of product</u>	<u>Maximum total dose</u>	<u>Latest time of application</u>
Natural surfaces not intended to bear vegetation, permeable surfaces overlying soil, hard surfaces	4.4 l/ha	-	-
Forest	7.3 l/ha	see Other specific restriction	-
Enclosed waters, land immediately adjacent to aquatic areas, open waters.	4.4 l/ha	see Other specific restriction	-

Other specific restrictions

1. The total dose applied to green cover on land not being used for crop production must not exceed 4.4 litres of product per ha per year.
2. Users must consult the appropriate water regulatory body (Environment Agency/Scottish Environment Protection Agency) before using the product near water and must obtain their agreement before using this product to control aquatic weeds.
3. When applying through rotary atomisers, the spray droplet spectra produced must be of minimum Volume Median Diameter (VMD) of 200 microns.
4. Weed-wipers may be used in any crop where the wiper does not touch the growing crop. The maximum concentrations used must not exceed the following (a) Weedwiper Mini – 3:8 dilution with water (b) Other wipers – 3.5:6 dilution with water.
5. For stump application, the maximum concentration must not exceed that produced by 150 ml product made up to 1 litre with water (15 % v/v).

READ ALL OTHER SAFETY PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USE

GENERAL INFORMATION

Gallup Hi-Aktiv Amenity is a foliar acting herbicide that controls annual and perennial grasses and most broad-leaved weeds when used as directed. It is translocated from treated vegetative growth to underground roots, rhizomes or stolons. Leaf symptoms, being a reddening then yellowing of the foliage, are first seen on grass weeds but take longer to appear on broad-leaved weeds.

It is particularly important that the weeds have sufficient leaf growth and are actively growing when treated.

Perennial grass weeds must have produced fresh leaves, which are green and vigorous. Common couch or scutch is most susceptible to Gallup Hi-Aktiv Amenity when it is tillering and when new rhizomes have begun to grow. This is usually when the plants have about 5-6 leaves, each with approximately 12-15 cm (5-6") of new growth.

The majority of perennial broad-leaved weeds are most susceptible if treated when they are actively growing and are at or near flowering stage.

Annual weeds should be actively growing with grasses having at least 5 cm (2") of leaf and broad-leaved weeds at least two expanded true leaves when sprayed.

Couch or scutch grasses and other grass and broad-leaved weeds are less susceptible to Gallup Hi-Aktiv Amenity when growth is restricted by drought, water-logging, frost, very high temperatures or natural dieback. Efficacy will be reduced if such conditions occur at or immediately after spraying.

Occasionally a slight check to crop growth may occur, particularly after direct drilling when crop seeds germinate amongst a mass of decaying foliage, stolons, rhizomes or roots. Thorough cultivations are necessary to disperse or bury decaying organic matter. Consolidate loose soils and ensure crops are adequately fertilised and appropriate measures are taken to prevent insect and fungal damage to the following crop, especially where following grassland.

Do not apply lime, fertiliser, farmyard manure, pesticides or similar materials within 7 days of Gallup Hi-Aktiv Amenity.

Note: Gallup Hi-Aktiv Amenity does not give acceptable control of horsetail, *Equisetum arvense*.

The label recommendations and the DEFRA/HSE/DETR publication 'Code of Practice for the Safe Use of Pesticides on Farms and Holdings' (Green Code) should be adhered to when Gallup Hi-Aktiv Amenity is used on farms and holdings.

The label recommendations and the NAAC/CPA publication 'Code of Practice for the Use of Pesticides in Amenity & Industrial Areas' (Orange Code) should be adhered to when Gallup Hi-Aktiv Amenity is for industrial use.

WEATHER CONDITIONS

A period of at least 6 hours and preferably 24 hours free of rain must follow spraying. Do not spray onto weeds suffering from drought stress as reduced control may occur. Do not spray in windy conditions as drift onto other crops or vegetation can cause severe injury or destruction. Do not spray during frosty weather that prevents active growth and can induce weed senescence.

FORESTRY/WOODLANDS

Use	Dose	Remarks
<p>Before planting: Most broad-leaved and grass weeds.</p>	<p>3.7 l/ha</p> <p>Hydraulic sprayers: apply in 80-250 l/ha water. Rotary atomisers: apply in total spray volume of 40 l/ha.</p>	<p>If the ground has been disturbed by forestry operations, allow the weeds to recover. Apply when weeds are showing green leaf and are actively growing. Wait at least 7 days before any cultivation or before planting trees.</p>
<p>After planting (as directed spray) in competitive forestry situations: for cleaning-up around trees; conifer release.</p>	<p>Use the 'Weedwiper Mini' or apply by knapsack sprayer. For knapsack application apply at the appropriate dose for the species to be treated as detailed below:</p>	<p>Use the 'Weedwiper Mini' (except rhododendron) or apply by knapsack sprayer around fully guarded trees. It is ESSENTIAL to use a TREE GUARD for all applications made in the growing season.</p>
<p>Most annual and perennial grasses and broad-leaved weeds.</p>	<p>2.9 l/ha in 250 l/ha water</p>	<p>Treat bracken after frond tips are unfurled but pre-senescence. Treat heather late-August to end-September. Treat all other woody weeds June to August before leaf senescence, but after new growth of crop has hardened.</p>
<p>Broad-leaved woody weeds: bracken, beech, brush, bramble, sycamore, oak, hazel, willow, ash.</p>	<p>2.2 l/ha in 250 l/ha water</p>	<p>Treat all other woody weeds June to August before leaf senescence, but after new growth of crop has hardened.</p>
<p>Heather (peat soils).</p>	<p>2.9 l/ha in 250 l/ha water</p>	<p>Important</p>
<p>Heather (mineral soils)</p>	<p>4.4 l/ha in 250 l/ha water</p>	<p>The time of hardening of leader growth in any year varies with species, location and weather amongst other factors; hardening might occur from end-July up to October or even later. Always direct the spray away from leaders to avoid damage to Lammas growth.</p>
<p>Rhododendron</p>	<p>By knapsack sprayer: 7.3 l/ha or 5.9 l/ha in 250 l/ha water plus authorised adjuvant ADJ 0161 (PCS 91597) at 2% of final spray volume.</p> <p>The Weedwiper Mini is not recommended for the control of rhododendron.</p>	<p>The time of hardening of leader growth in any year varies with species, location and weather amongst other factors; hardening might occur from end-July up to October or even later. Always direct the spray away from leaders to avoid damage to Lammas growth.</p>
<p>Cut stump application to prevent regrowth of thinnings.</p>	<p>Deciduous species: 75 ml product made up to 1 litre with water (7.5 % solution).</p> <p>Coniferous species: 150 ml product made up to 1 litre with water (15 % solution).</p>	<p>Apply immediately after felling or simultaneously whilst sawing, with a special attachment to the saw, during November to March. Do not apply during the period of rising sap flow usually occurring during March to May.</p>
<p>Thinning by stem injection</p>	<p>All species: 1.5ml of undiluted product per cut. For trees more than 10 cm diameter make 2 or 3 cuts according to tree size and inject 1.5 ml of product into each.</p>	<p>Cut into the live cambial tissue with a downward axe stroke. Cuts must be not more than 1 m from the ground. Inject the Gallup Hi-Aktiv Amenity into each cut. Treat at any time of the year except during the period of rising sap flow usually occurring during March to May.</p>

Note: for ease of identification of treated trees a suitable commercially available water soluble violet dye may be added to the prepared solution at 1 ml dye per 10 litres of prepared spray solution.

NATURAL SURFACES NOT INTENDED TO BEAR VEGETATION, PERMEABLE SURFACES OVERLYING SOIL, HARD SURFACES: General use around the farm and on amenity and industrial areas

Area of use	Dose	Remarks
Around buildings	General use: 2.9 l/ha	Apply at any time of the year when weeds are showing green leaf and are actively growing. Weeds germinating after application will not be controlled. Avoid drift onto crops, lawns, amenity plants or any desirable species.
On industrial sites		
Firebreaks	Perennial broad-leaved weeds present: 4.4 l/ha	DO NOT USE UNDER GLASS OR POLYTHENE.
Pavements		
Verges along public paths and roadways	Hydraulic sprayers: apply in 80-250 l/ha water	See KNAPSACK RATE RECKONER tables.
Around traffic signs and advertising hoardings		
Site preparation for landscaping projects; golf courses etc.	Knapsack sprayers: apply in 100-250 l/ha water	
DO NOT SPRAY HEDGE BOTTOMS.	Rotary atomisers: apply in total spray volume of 40 l/ha	

Important: If poisonous weeds, such as ragwort, had been present before treatment, then grazing animals, such as horses, should be kept clear of treated areas until such time that poisonous weeds have been removed.

AQUATIC WEED CONTROL

Situations: For weed control in or near watercourses and lakes in the presence or absence of fish.

Note: provided that use is as directed on this label, water may be used for irrigation or livestock without interruption.

Important: Consult the appropriate regional water regulatory body (Environment Agency/Scottish Environment Protection Agency) responsible for the water catchment area before applying any treatment in or near water - see Other Specific Restrictions.

Consult and observe the code of practice entitled 'Guidelines for the use of herbicides on weeds in or near watercourses and lakes', DEFRA booklet PB2289.

Area of use	Dose	Remarks
Waterside weeds:	Treat as for NATURAL SURFACES NOT INTENDED TO BEAR VEGETATION.	As for NATURAL SURFACES NOT INTENDED TO BEAR VEGETATION.
Emergent weeds: Bent, creeping Bulrush Canary-grass, reed Reed, common Sedge spp. Soft-rush Sweet-grass, reed Water-cress Whorl-grass	3.7 l/ha in 250 l/ha water	For most species treat actively growing plants during August-September. Best results against water-cress are obtained from spraying in June. Treat bulrush in late July.
Floating weeds: Water-lily, white Water-lily, yellow	4.4 l/ha in 100-200 l/ha water Maximum permitted concentration of glyphosate in the treated water = 0.2ppm	Treat actively growing floating weeds during July-August. Apply with a suitably mounted hydraulic sprayer moving slowly against the current. Re-treatment of disturbed weeds along the path of the boat/carrier may be necessary 2-3 weeks later.

WICK/WIPER APPLICATORS (e.g. WEEDWIPER MINI)

Certain weeds, particularly those with an erect growth habit and having a spatial separation from desirable species, can be effectively controlled by wiping a concentrated solution of Gallup Hi-Aktiv Amenity onto the leaves or stems. Weeds must be actively growing at application. Do not apply when rain is expected within 6 hours as, apart from unsatisfactory weed control, herbicide might be transferred to desirable species by rain splash or foliar contact.

CAUTION

Ensure that there is a minimum 5 cm (2") between the top of the tallest desired vegetation and the impregnated wiper.

Gallup Hi-Aktiv Amenity dilution

Maximum concentrations must not exceed the following:

Weedwiper Mini:	3 volumes of product : 8 volumes of water
Other wipers:	3½ volumes of product : 6 volumes of water for normal conditions; under warm, dry conditions use 3:8 dilution with water.

Note: for ease of identification of treated weeds, a suitable commercially available water soluble dye may be added to the prepared solution at 1 ml dye per 10 litres of prepared spray solution.

MIXING

Tractor mounted sprayers

Pour the recommended quantity of Gallup Hi-Aktiv Amenity into the spray tank already half-filled with clean water and under agitation. Top up the tank with more clean water to the required level, whilst maintaining agitation. Spray out on the day of mixing.

Knapsack sprayers

Add the recommended quantity of Gallup Hi-Aktiv Amenity to the knapsack spray tank approximately one-third filled with clean water. Agitate thoroughly with a clean rod or by shaking after replacing the lid. Add the required quantity of authorised surfactant and agitate again in the same manner until thoroughly mixed. Top up the tank with more clean water to the required level and agitate thoroughly before use. Spray out on the day of mixing.

DO NOT MIX, APPLY OR STORE GALLUP HI-AKTIV AMENITY IN GALVANISED OR UNLINED MILD STEEL CONTAINERS OR TANKS. KEEP TANKS WELL VENTED AND CLEAR OF ALL SOURCES OF IGNITION.

APPLICATION & SPRAY QUALITY

Conventional hydraulic sprayers

Knapsack sprayers

Prepared spray solution should be applied as a MEDIUM or COARSE quality spray (BCPC definition) at nozzle pressures not exceeding 2.5 bar (35 psi). Gallup Hi-Aktiv Amenity is a systemic weedkiller and is active at low doses. Always take extreme care to avoid spray drift. DO NOT SPRAY in windy weather or near to desirable species or amenity plants as drift onto other crops or vegetation can cause severe plant injury or destruction.

SOILS

Gallup Hi-Aktiv Amenity may be used to control weeds on all mineral or organic soils or surfaces, including ash and gravel. Only weeds showing green leaf at the time of application can be killed. There is no residual activity with Gallup Hi-Aktiv Amenity.

COMPATIBILITY

Gallup Hi-Aktiv Amenity is compatible with authorised adjuvants ADJ 0354 and when used for rhododendron control ADJ 0161. DO NOT mix with any herbicide, insecticide or fungicide.

FUTURE PLANTING

Gallup Hi-Aktiv Amenity has no long-lasting herbicidal activity in soils after application. Agricultural and horticultural quality soils may be planted up with trees after not less than 7 days after application, unless directed otherwise. Other amenity plants may be planted after the treated vegetation has died back or after cultivation. Under normal weather conditions, cultivations may be conducted 7 days after treatment. Under poor growing conditions wait for the characteristic red/yellow leaf symptoms to appear before cultivating.

WEED RESISTANCE STRATEGY

There is a low risk of weeds developing resistance to Gallup Hi-Aktiv Amenity. Growers are encouraged to implement a weed resistance strategy based on good agricultural practices and good plant protection practices. Good practice is achieved and enhanced by:

- Following these label recommendations.
- Adopting complementary weed control measures.
- Minimising the spread of weeds and their seeds.
- Implementing good spraying practices to achieve maximum weed control.
- Using the correct nozzles to maximise weed coverage.
- Applying only under appropriate weather conditions.
- Monitoring performance and reporting unexpected results to Barclay Chemicals (R&D) Ltd.

Strains of some annual weeds, e.g. black-grass, wild-oat and Italian rye-grass, have developed resistance to herbicides which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. This should include integrating herbicides with a programme of cultural control measures. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop advisor or product manufacturer.

CARE OF EQUIPMENT

Wash equipment thoroughly after use with water and cleaning agent to remove traces of herbicide. Traces of herbicide left in the equipment may seriously damage or destroy crops sprayed with the same equipment at a later date.

KNAPSACK RATE RECKONER

METRIC-Medium Volume Application

PRODUCT RECOMMENDATION

(litres of product in l/ha of water)

Amount Gallup Hi-Aktiv Amenity per 10 litres to treat 400 m²

2.9 litres in 250 l/ha	116 ml
3.7 litres in 250 l/ha	148 ml
4.4 litres in 250 l/ha	176 ml

METRIC-Low Volume Application

PRODUCT RECOMMENDATION

(litres of product in l/ha of water)

Amount Gallup Hi-Aktiv Amenity per 10 litres to treat 1000 m²

2.9 litres in 100 l/ha	290 ml
3.7 litres in 100 l/ha	370 ml
4.4 litres in 100 l/ha	440 ml