



Scutchout 360 is a product to be used only as an agricultural foliar applied herbicide for the control of annual and perennial grass and broadleaved weeds pre-planting or pre-sowing in all crops, stubbles, non-crop areas and for destruction of grassland; pre-harvest in cereals and forestry.
Scutchout 360 is a water-soluble, non-selective, non-residual herbicide for the control of most annual and perennial grasses and broadleaved weeds. The product is absorbed by the foliage and translocated throughout the plant and root systems. Visible symptoms, such as gradual wilting and yellowing are usually obvious within 3 to 7 days of application to annual weeds but not for 14 to 21 days on perennial weeds. Complete browning and root deterioration may require 20 - 30 days, this process will take longer in cooler weather.
SCUTCHOUT 360 is inactivated on contact with the soil and is rapidly degraded by micro-organism activity.

DIRECTIONS FOR USE

Mixing: Half-fill clean spray tank with clean water; add required quantity of product and mix well; add remaining water. Do NOT use mechanical agitators. Place the filling hose below water level to prevent excessive foaming and remove immediately after filling to prevent backsiphoning. When tank mixing with other products recommended on the label add the other product before this product, then add remaining water. Do NOT store, mix or apply from an unlined or galvanised steel tank.

IT IS IMPORTANT WHEN TREATING PERENNIAL WEEDS THAT THERE IS FULL EMERGENCE OF HEALTHY GREEN FOLIAGE AND ACTIVE GROWTH AT THE TIME OF APPLICATION.

ASSOCIATED FARMING PRACTICES: Lime, chemical or natural fertilizer, or other pesticides should not be applied to treated areas for at least 5 days before or after application of SCUTCHOUT 360.

Weather Conditions: For best results a rainfree period of 6 hours and preferably 24 hours is required after application of this product. SCUTCHOUT 360 should not be applied under windy conditions because spray drift may cause severe injury or destruction of neighbouring crops.
Under conditions of drought, flooding, frost or high temperatures, where plant growth is restricted the efficacy of this product will be reduced.

SPRAY APPLICATION TECHNIQUES AND EQUIPMENT

Filling Spray Tank: Half-fill the clean spray tank with clean water, add the required quantity of product and mix well, and add the remaining water. Do NOT use mechanical agitators. Place the filling hose below water level to prevent excessive foaming and remove immediately after filling to prevent backsiphoning. When tank-mixing with other products recommended on the label add the other product before adding SCUTCHOUT 360, then add the remaining water.

Compatibility: Do NOT add wetting agents, oils or other pesticides unless recommended on this leaflet.

Cleaning Spray Equipment: Always clean spray tanks and equipment adequately after use, using the recommended detergents to be sure to avoid contamination with residues. Contamination with product residues could damage crops when the sprayer is next used for another pesticide.

Non-selective Applications (Rotary Applicators): Overall Mistblower and ULVA® applicators are only to be used in forestry or orchards. When using ULVA® the total spray volume should range from 10-20 l/ha, and with Mistblower between 90-175 l/ha. Use the correct SCUTCHOUT 360 dose rate for control of the particular target weeds.
Recommended Applicators include: Microdrop®, Lely Hydraspin, CDA Boom and CDA Lightweight, Dual-Option, Girojet®.

DIRECTED APPLICATION Knapsack

Knapsack sprayers may be used in forestry, orchards and non-crop land. Spray volumes normally range from 200-300 l/ha, but may be reduced to 100-150 l/ha if low volume nozzles have been fitted to swath. Spray quality should be "MEDIUM" or "COARSE."

When using a knapsack sprayer with a total capacity of 10 litres if applying at 4.0 l/ha with a spray volume of 200 l/ha, giving a concentration of 2%, thus requiring 0.2 litres of SCUTCHOUT 360 in 9.8 litres of water. Similarly when required application rate is 6.0 l/ha use 0.3 litres SCUTCHOUT 360 in 9.7 litres of water. A 10 litre spray volume will cover a 500 m² area using a 1 m wide swath and a 1 m/sec walking speed.

FORESTRY

Application Rate

- Lowlands 1.5 l/ha - Uplands 2.0 l/ha

Black bent grass, Creeping soft grass, Cock's foot, Scutch, False oat grass, Fescue sp., Meadow grass, Other bent sp.,

Purple moor grass, Sweet vernal, Tufted hair grass, Wavy hair grass, Wood small reed, Yorkshire fog, Bush grass

Area of use	Target weeds	Extent of weed infestation	Application rate in l/ha	Water Volume	Application Details
Pre-planting	Arable land, planting, replanting and grassland areas	Arable weeds	4.0	Hydraulic sprayers 200-400 l/ha optimum 250 l/ha or Rotary atomisers* (Herbie®) 20 l/ha with droplet diameter between 200-300 µm.	All tree species may be planted 7 days after treatment.
		Grassland weeds	5.0		
Post-planting	Clean-up around trees	Perennial and annual grasses	4.0	Hydraulic knapsack sprayers, apply at a concentration of 2% or 1 part of SCUTCHOUT 360 to 50 parts of water.	Always use TREE GUARD when treating during the growing season. Bracken should be treated when frond tips have uncurled but before senescence. Apply to heather late August to end of September. Apply to all other woody weeds from June to August before leaf senescence (but after new crop growth has hardened). Scutchout 360 only gives moderate control of woody weeds.
		Broadleaved/ woody weeds	3.0		
		Heather (peat soil)	4.0		
		Heather (mineral soil)	6.0		
		Rhododendron	10.0 or 8.0 (+)		

(+) Use adjuvant High Trees Mixture B® (PCS No 91597) for optimum results at a rate of 2% of the final water volume.

* High Trees Mixture B® (PCS No 91597) should NOT be used when using rotary atomiser sprayer.



SCUTCHOUT™ 360

A soluble concentrate containing 360g/l glyphosate acid present as 480g/l (41.2%w/w) of the isopropylamine salt and tallow alkyl amine ethoxylate.
To avoid risks to man and the environment, comply with the instructions for use.

FOR USE ONLY AS A NON SELECTIVE AGRICULTURAL, HORTICULTURAL AND FORESTRY HERBICIDE

RISK AND SAFETY INFORMATION:



Dangerous for the environment



Irritant

Irritating to eyes.

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Keep out of reach of children.

Keep away from food, drink and animal feeding stuffs.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed, seek medical advice immediately and show this container or label.

Use appropriate containment to avoid environmental contamination.

This material and its container must be disposed of in a safe way.

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

PCS No. 02307

FOR PROFESSIONAL USE ONLY

Directions for use

Crop	Max. individual dose	Max. no. of applications at max. individual dose	Max. total dose	Latest time of time of application
Wheat, barley, oats	4l/ha	1	4l/ha	7 days pre-harvest
Stubble ground	4l/ha	1	4l/ha	14 days pre-drilling
Grassland	6l/ha	1	6l/ha	5 days before cutting/grazing
Forestry	10l/ha	1	10l/ha	-
Non-cropped areas	6l/ha	1	6l/ha	-

Specific weeds/diseases/pests controlled

Wheat, barley and oats:	pre-harvest control of Scutch grass (Elymus repens), other perennial grasses, annual grasses, annual broad-leaved weeds and many perennial broad-leaved weeds. Harvest Management
Stubble ground:	control of a range of perennial and annual grasses, annual broad-leaved weeds and volunteer cereals and potatoes
Forestry:	control of a range of annual and perennial weeds and moderate control of woody weeds.
Non-cropped areas:	control of a range of annual and perennial weeds and grasses.
Grassland:	control of a range of annual and perennial grasses and weeds.

NON-CROP AREAS: SCUTCHOUT 360 should be applied at a rate of 6 l/ha on land not intended for cropping.

Area of use	Target weeds	Extent of weed infestation	Application rate in l/ha	Water Volume	Application Details
Non-crop areas	Annual Weeds	All species	1.5	Hydraulic sprayers 80-250 l/ha	For use for weed control: - along fences, around buildings and storage areas, along roads, paths and ditch edges. - To clear land pre-sowing: - to control regrowth in root crops storage areas. DO NOT USE IN OR ALONG HEDGEROWS. DO NOT USE UNDER GLASS OR POLYETHYLENE
	Perennial grasses	All species	4.0		
	Perennial broad leaved weeds	All species	6.0		

METHOD OF APPLICATION: Tractor mounted sprayer / knapsack / weed wiper / rotary atomiser.

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Authorisation holder; - Cheminova, A/S, DK-7620 Lemvig, Denmark

Grasslands

SCUTCHOUT 360 should be applied at a maximum rate of 6 l/ha once per crop at least 5 days before harvesting, grazing or drilling.

Area of use	Target weeds	Extent of weed infestation	Application rate in l/ha	Water Volume	Application Details
Grassland destruction and weed control in grasslands	Perennial grasses in leys of 2-4 years	Application rates should be adapted to control the least susceptible weeds present. See following dose rates	4.0	Hydraulic sprayers 150-250 l/ha	Treat following regrowth after grazing or mowing, or before grazing or cutting between June and October, when grass is 30-60cm high and does not contain mature seeds. Grass may be used for normal uses 5 days after treatment. REMOVE OR BURY ALL POISONOUS PLANT SPECIES BEFORE MOWING OR GRAZING. Clear treated grass crop before planting or drilling next crop. Grass and clover may be direct drilled after treatment on: - 1-2 year leys without mat, with all surface vegetation removed before drilling, 5 days after application - Long leys with some mat should be sprayed in Autumn and not direct drilled until the following Spring.
	Perennial broad-leaved weeds in control leys of 4-7 years		5.0		
	Permanent pasture		6.0		

Area of use	Target weeds	Extent of weed infestation	Application rate in l/ha	Water Volume	Application Details
Autumn and Spring application to stubble of all crops	Scutch grass, Other perennial grasses, Annual volunteer potatoes	<75 shoots/m² >75 shoots/m² All species at all levels	3.0 4.0	Hydraulic sprayers at 100-250 l/ha	Apply at least 5 days before cultivation or drilling. For best results allow sufficient weed growth before spraying. In spring a period of at least 21 days of weed growth should be allowed prior to treatment. NEVER CULTIVATE BEFORE SPRAYING.
Stubbles of all crops and pre-cultivated land in autumn and spring	Volunteer cereals Other annual grasses Annual broad-leaved weeds	All species at all levels	1.5(+)	Hydraulic sprayers at 100-250 l/ha	Direct drilling may take place 2 days after spraying. Other cultivation may take place 24 hours after treatment. NEVER CULTIVATE BEFORE SPRAYING.
Pre-harvest wheat (including Durum wheat) barley and oats	Scutch	<25 shoots/m² 25 to 75 shoots/m² >75 shoots/m² in direct drilled crops	2.0 (+) 3.0 4.0	Hydraulic sprayers 80-250 l/ha	Apply when the moisture content of the crop grains is less than 30%*. Use high clearance tractors with narrow wheels and crop dividers. NEVER TREAT CROPS WHICH ARE GROWN FOR SEED. Treated straw should not be used for horticultural mulch but may be used for all other applications. Following harvest, incorporate or remove, thereafter, treated area may be used for further cultivation.
Pre-harvest in cereals for harvest management	Annual grasses Cereal stems and leaves Annual broad-leaved weeds	All species at all levels of infestation All species at all levels of	1.0 (+) 1.5 (+)		Apply at least 7 days before harvest and up to 14 days before harvest

(+) Use adjuvant for optimum results at a rate of 0.5 l per 100 l water.

* See CONDITIONS FOR USE for pre-harvest interval or latest time of application.

Some strains of grasses e.g. blackgrass, wild-oats 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 or the Crop Protection Association. Do not use glyphosate-containing products repeatedly over several years in the same field as selection of resistance biotypes can take place and may become prevalent.

Dose rates for controlling weed species in grasslands

Application Rate - 3.0 l/ha

Annual meadow grass, Dock seedlings, Common chickweed, Speedwell species, Italian rye-grass, Common mouse-ear, Timothy grass, Mayweed species.

Application Rate - 4.0 l/ha

Black-bent grass, Common-bent grass, Broad-leaved dock, Creeping soft-grass, Plantains, Scutch grass, Curled dock, Soft brome, Perennial rye grass, Cock's foot, Creeping bent grass, Yorkshire fog, Rough stalked Meadow Grass.

Application Rate - 5.0 l/ha: Bracken**, Creeping buttercup*, Common nettle, Common sorrel, Creeping thistle, Daisy, Dwarf thistle, Perennial sow thistle, Sedges, Soft rush, Spear thistle, Tufted hairgrass, Yarrow

Application Rate - 6.0 l/ha: Common ragwort, Jointed rush, Red fescue, Hard rush, Molinia, Heath rush, Sheep's fescue, White clover*, Sheep's Sorrel

* must be treated at correct growth stage

** must be treated when fronds are fully expanded

TERMS AND CONDITIONS OF SUPPLY, SALE OR USE

All goods supplied by Hygeia Chemicals Ltd. are of high grade and we believe them to be suitable for the purpose for which we expressly supply them, but as we do not exercise any control over their mixing or use or the weather conditions before, during and 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 and no responsibility will be accepted by us, or our associate companies for any damage or injury whatsoever arising from their storage, handling, application of use. These conditions cannot be varied by our staff, our agents or by re-sellers of the product whether or not they supervise or assist in the use of such goods.

20 Litres e

PROTECT FROM FROST



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