

FOR PROFESSIONAL USE ONLY

A grass and broad-leaved weedkiller for use Around the Farm, in Forestry and Industrial areas, and other non-crop areas.

HILITE™

A pigmented oil emulsion containing 194 g/l (20.1% w/w) isopropylamine salt of glyphosate (equivalent to 144 g/l glyphosate acid).

UFI: 4E00-V04G-D00F-CEPO

SAFETY INFORMATION

Harmful to aquatic life with long lasting effects

Avoid release to the environment.

Wear protective gloves/protective clothing.

IF ON SKIN: Wash with plenty of water.

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

Collect spillage.

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

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

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).
Safety data sheet available on request.

PCS 02455



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Contents: **5 LITRES** e



RETURN LEAFLET
TO POCKET
AFTER USE



Read instructions
before use

Formulated for use with Nomix equipment.

READY FOR USE – NO MIXING

PROTECT FROM FROST

SHAKE WELL BEFORE USE

GENERAL INFORMATION

HILITE is a pigmented emulsion containing 144 gms a.e. glyphosate per litre as a ready for use formulation.

It is absorbed by the foliage of plants and translocated to their root systems. The product is recommended for the control of annual and perennial grasses and broad-leaved weeds in amenity and industrial areas, parks, highways, paved areas and factory sites. It is also recommended for weed control in forestry, for clearing vegetation prior to planting ornamental species and as a directed application in shrub and rose beds.

HILITE is rapidly inactivated and degraded by micro-organisms in the soil.

The product is of low toxicity, presenting little risk to the operator, wildlife or the environment when used as directed.

DIRECTIONS FOR USE

Area of Use:

For use as an agricultural and industrial herbicide to control grasses and broad-leaved weeds in amenity and industrial areas, parks, paved areas, factory sites and hard surfaces

Maximum individual dose:

10.0 litres product per hectare

Maximum number of applications:

Not applicable

Maximum Total Dose:

Not applicable

Latest time of application:

Not applicable

Method of Application:

Controlled Droplet Application Sprayer.

Storage and Disposal

Store in a closed container. Store between 0°C and 30°C.

Dispose of contents and container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

Do not re-use bottles.

Connection of the ready for use pack

Do not decant from original container, shake the pack very thoroughly and connect to the Nomix lance, using the connector provided, according to the directions in the Instruction and Operation manual.

CALIBRATION INSTRUCTIONS FOR THE NOMIX SUPERPRO LANCE

1. Choose a comfortable forward speed and appropriate spray width.
2. Using the calibration chart, read the required flow rate for your chosen forward speed and spray width.
3. Adjust the head setting to achieve the required flow rate, which should be measured using the Nomix Calibration Cup provided with the lance. The flow rate should always be checked before spraying.

CALIBRATION CHART

THE GUIDE HEAD SETTINGS ARE FOR GUIDANCE ONLY AND ARE NO SUBSTITUTE FOR THE CORRECT CALIBRATION PROCEDURE.

Flow rate for 10 litres per hectare of Hilite									
Walking Speed kph (mph)									
Disc	Spray width cm	2.4 Mls at 30 secs	(1.5) Guide Head setting	3.2 Mls at 30 secs	(2.0) Guide Head setting	4.0 Mls at 20 secs	(2.5) Guide Head setting	4.8 Mls at 20 secs	(3.0) Guide Head setting
Spiral	15 30	3 6	A-B B	4 8	A-B B	3 7	B B-C	4 8	B B-C
Square	45 60	9 12	B B-C	12 16	B-C C	10 13	B-C C	12 16	C C
Serrated	75 90	15 18	B-C C	20 24	C C	17 20	C-D C-D	20 24	C-D D

Disc Selection

The small square disc should be used where the spray width required is less than 60 cm e.g. shrub beds and confined areas. The narrow swath is also appropriate for application where accuracy is required, e.g. to pavement edges, obstacles (e.g. around trees, fence lines, gravestones) or for spot treatment of paved areas.

The large serrated disc should be used where wide swaths are required e.g. extensive paved areas, and prior to planting shrubs.

When using the square spinner at narrow settings of less than 60 cm, care should be taken that the spray quality is adequate to ensure small weeds receive the spray. The disc should be held low over the foliage, so that the rotation speed must be increased to achieve the desired swath width. This results in better atomisation and cover of foliage.

Timing of Application

Cultivation should not be carried out prior to application.

Annual and perennial grass weeds must have a full emergence of actively growing green leaf at the time of application. Common couch reaches the susceptible stage of growth when tillering and new rhizome growth commence, which usually occurs when plants have 4-5 leaves. The majority of perennial broad-leaved weeds are most susceptible if treated when they are actively growing, at or near flowering but before the onset of natural or enforced die-back.

Weeds Controlled

HILITE controls most emerged grasses and broad-leaved weeds. However it is important that all weeds are at the correct growth stage when treated otherwise some re-growth may occur necessitating re-treatment. HILITE will not give acceptable control of Horsetails (*Equisetum arvense*).

Caution: AVOID SPRAY CONTACT WITH ALL DESIRED VEGETATION.

Symptoms on Weeds

Leaf symptoms on treated weeds appear between 7 to 10 days in warm conditions, however in cold conditions this can take up to 20 days or more. Leaf symptoms, a reddening followed by yellowing of the foliage, usually appear first on grasses then later on broad-leaved weeds; nettles are extremely slow to show symptoms.

Effect of Weather

At least 6 hours and preferably 24 hours rain-free must follow spraying. If rainfall occurs soon after treatment final weed control may be reduced and re-treatment may be necessary.

Do not spray this product onto weeds suffering drought stress, waterlogging, heat or frost which prevent active re-growth and lead to weed die-back, otherwise the level of control will be reduced.

Under all normal weather conditions, using the Nomix lance does not result in spray drift. However, in windy conditions, some sideways drift may occur. Spraying is not recommended in these conditions.

Subsequent Land Use

For maximum weed control, the sprayed area should remain undisturbed for 5 days after application to enable the product to be fully translocated throughout the weeds. In cold conditions, await leaf symptoms before starting any cultivation or planting. HILITE is not residual in the soil.

Cleaning the Nomix Lance

It is essential to thoroughly clean out the Nomix lance using Nomix Cleaner, especially between applying this product and other pesticides, to avoid contamination from such products.

SPECIAL AREAS OF USE

Forestry

HILITE can be used to control grasses and broad-leaved weeds before planting trees or as a directed spray to treat around the base of trees. Other weeds such as woody weeds will be controlled provided they have not become too tall to be easily treated using the Nomix lance. Woody weeds should be treated between June and September before the leaves change colour.

Care should be taken to avoid contact with tree foliage or the stem of young trees. A droplet size should be chosen which is visible and can be directed precisely. Tree shelter tubes (not mesh, spiral or perforated guards) will also protect the tree from the spray.

A weed free spot around the base of the tree will improve the establishment and growth rate. Using a spot diameter of 4ft (1.2m), a 5 litre pack will treat 5,000 trees.

Amenity Woodland & Planting

Trees planted on roadsides, in streets, in parks and landscaped areas, and in amenity woodland

HILITE can be used to control weeds growing amongst trees or shrubs in amenity plantings. Avoid contact of the spray with the foliage or stem of the tree by carefully directing the spray. Tree shelter tubes (not mesh, spiral or perforated guards) will protect the tree from the spray.

Mature trees in parks and streets

HILITE can also be used around mature trees. Provided the bark is not damaged (eg. by pruning etc.) and there are no suckers or shoots, the base of the tree need not be protected from the spray.

Before planting

Vegetation should be cleared before planting hedges by applying HILITE in suitable conditions during the autumn before planting.

After planting to aid establishment

Hedge plants will not tolerate contact with HILITE. Weeds may be controlled by carefully directed sprays to the bottom of the hedge.

Avoid contact with the foliage or stem of hedge plants.

Turf

Preparation for seeding or laying turf

Treat weed growth with HILITE prior to cultivation.

Turf destruction before re-seeding

Before treatment, allow the turf to grow several new leaves after the last mowing. If perennial broad-leaved weeds are present a longer period of growth should be allowed (see Directions for Use: Timing of Application).