

RETURN LEAFLET TO
POCKET AFTER USE



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).

RISK AND SAFETY INFORMATION



WARNING

VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

Avoid release to the environment.

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.

PCS 02455



Nomix Enviro, A Division of Frontier Agriculture Ltd,
The Grain Silos, Weyhill Road, Andover,
Hampshire, SP10 3NT Tel: 01264 388050

In case of emergency day or night, telephone **00 44 1865 407333**

SHAKE WELL BEFORE USE

PROTECT FROM FROST

5 LITRES_e

Not for reformulation or repackaging.

Read carefully the recommendations for use attached to this container.

613412/02.08.16

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 RUBBER BOOTS during application.

DO NOT BREATHE SPRAY.

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

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH ANY CONTAMINATION from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

Environmental Protection

DO NOT CONTAMINATE WATER with product or its container. (Do not clean application equipment near surface water / Avoid contamination via drains from farmyards and roads).

Storage and Disposal

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place,

EMPTY CONTAINER COMPLETELY and dispose of safely.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

Avoid storage for prolonged periods at temperatures above 30°C.

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

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 (1.5)		3.2 (2.0)		4.0 (2.5)		4.8 (3.0)	
		Mls at 30 secs	Guide Head setting	Mls at 30 secs	Guide Head setting	Mls at 20 secs	Guide Head setting	Mls at 20 secs	Guide Head setting
Spiral	15	3	A-B	4	A-B	3	B	4	B
	30	6	B	8	B	7	B-C	8	B-C
Square	45	9	B	12	B-C	10	B-C	12	C
	60	12	B-C	16	C	13	C	16	C
Serrated	75	15	B-C	20	C	17	C-D	20	C-D
	90	18	C	24	C	20	C-D	24	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.

Hedges

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.

Continued overleaf

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).

CONDITIONS OF SALE

The following shall form part of the contract of sale of this product whether sold by Nomix Enviro or any (authorised) reseller of the product ("The Seller").

The Seller warrants that the product complies with the product specification prevailing at the date of sale which is obtainable from the Seller on request or as contained in the written instructions supplied with the product provided that the Seller's liability for breach of this warranty is limited to the price of the products involved in the breach.

Except as aforesaid, all conditions and warranties statutory or otherwise and expressed or implied as to the quality of the product or its fitness for any purpose are expressly excluded to the extent permissible by law.

Except as aforesaid neither Nomix Enviro nor the Seller shall be under any liability whatsoever whether in contract or in tort for any loss or damage arising out of or resulting from the use of the product in accordance with the instructions given by Nomix.

Nomix Enviro shall not be liable for any loss or damage whatsoever caused by the failure of any person to use the product in accordance with the instructions given by Nomix Enviro which are supplied with the product.

Nothing in these conditions shall affect Nomix Enviro's or the Seller's liability for death, personal injury or damage to property to the extent that the same may not be permitted to be limited or excluded by law.

SPECIMEN -
2016 to date

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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

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