

FRONT LABEL



ROUNDUP BIACTIVE XE(A)

A foliar applied translocated herbicide for the control of annual and perennial grass and broad-leaved weeds before sowing or planting all crops. For destruction of grass, post-harvest cleanup, orchards and non-crop areas such as fence lines, patios and paths.

Degraded by micro-organisms/ microbes in the soil.

This product contains a soluble concentrate (SL) containing 360 g/l glyphosate, present as 441 g/l (34.83% ww) of the potassium salt of glyphosate.

SAFETY INFORMATION

Roundup Biactive XE(A)

Soluble concentrate containing 360 g/l glyphosate, present as 441g/l (35.3% w/w) of the potassium salt of glyphosate.

UFI: KPF1-E0Y7-K009-RH2Q



Warning

Causes serious eye irritation.

Toxic to aquatic life with long lasting effects.

Wash hands thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Keep only in original container.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: get medical advice/attention.

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

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

PCS Number 06068

GROUP

9

HERBICIDES

For use as a non-professional herbicide.

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).

Contents e XX

PROTECT FROM FROST

Batch/lot number:

Trade Marks

BOOKLET AND BASE LABEL



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PCS Number 06068

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).

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Website: www.bayercropscience.ie

Freephone Tel: 1800 818534

For 24-hour emergency information contact: 00800 1020 3333

Authorisation holder:
Bayer CropScience Ltd.
230 Cambridge Science Park
Milton Road
Cambridge
CB4 0WB
United Kingdom

Marketing company:
Bayer CropScience Ltd
Bayer Ltd,
1st Floor, The Grange Offices
The Grange,
Brewery Road,
Stillorgan,
Co. Dublin
A94 H2K7

READ CAREFULLY ALL RECOMMENDATIONS FOR USE GIVEN WITH THIS CONTAINER.
All users must ensure that they have read the recommendations for use and follow its advice before using the product.

DIRECTIONS FOR USE

Crop	DIRECTIONS FOR USE		
	Maximum single dose in 10L water	Maximum number of applications	Maximum total dose
Non-cropped areas (hard and permeable surfaces)	250ml product per 500m ²	-	250ml product per 500m ² per year

Control of a range of annual and perennial grass and broad -leaved weeds.

Warnings

EXTREME CARE MUST BE TAKEN TO AVOID SPRAY DRIFT ONTO NON-CROP PLANTS OUTSIDE THE TARGET AREA

Restrictions

Exclude persons and animals from the treated area until dry to prevent unintentional transfer to wanted vegetation.

Where to use

In **Non-cropped areas (hard and permeable surfaces)** such as gardens and allotments to clear weeds 2-7 days before planting and sowing.

In orchards to clear weeds around fruit trees and ornamentals while avoiding drift and accidental contact with desired plants.

In planted lawns or pastures to kill off aging grass and renew lawns and pastures

Around the farm, along fence lines, patios, paths and overgrown areas

On individual brush weeds such as nettles and bramble.

How to use

Apply through knapsacks or hand-held sprayers either as an overall foliar application or as foliar spot treatments to individual weeds. See Directions for Use table.

For spot applications apply the spray evenly on individual weeds taking care to lightly wet the leaves to a point before run-off occurs.

Knapsack sprayers

Broadcast/Overall spray

Recommended delivery range of knapsack sprayers is 80 – 300 l/ha. Half fill the spray tank with clean water, add the correct amount of ROUNDUP BIACTIVE XE(A) as per table below and top up with water.

When used at a walking speed of 1 m/sec to apply a swath of 1 m width, most knapsack sprayers fitted with a Hypro AN 0.6-AN2.4 or similar nozzle deliver approximately 200 l/ha spray volume (or 2l per 100 m²). To apply 30ml/100 m² of ROUNDUP BIACTIVE XE(A), use 15ml of product for each litre of spray liquid required.

Rate of Roundup Biactive XE(A) ml/100 m ²	Amount of Roundup Biactive XE(A) required per 10L knapsack calibrated to: 200L/ha
30	150ml
40	200ml
50	250ml

Area sprayed per 10L knapsack (m²)- 500 m²

Spot spray

For the treatment of individual weeds in gardens, allotments, around the farm. May be done using either a knapsack/hand-held lance or a spot gun applicator.

When using a knapsack or hand-held lance make up a % solution based on the Directions for Use table and apply by lightly wetting the leaves of the weed to a point before run-off and ensuring good coverage.

Spot gun applicators are for the treatment of individual weeds. Apply 5ml of spray to target weed, using a narrow cone TG-3 or TG-5 nozzle.

Spot Diameter (metres)	Amount of ROUNDUP BIACTIVE XE(A) (ml) per 5 litres spray solution for targeted dosages of:		
	30ml/100m ²	40ml/100m ²	50ml/100m ²
0.3	21	28	35
0.6	85	110	142

Symptoms on the weeds

Symptoms of treatment are generally first seen 7-14 days, or longer, if growth is slow, after spraying. Leaf symptoms take the form of a reddening followed by yellowing of the foliage and are usually quicker to appear on grasses than on broad-leaved weeds. Reaction of nettle is slow.

Following crops

Upon soil adsorption the herbicidal properties of ROUNDUP BIACTIVE XLA are lost. Respect an interval of 2 days for drilling after treating annuals, 5 days for grass and 7 days for trees.

When to Use

ROUNDUP BIACTIVE XL XE(A) kills most garden and arable weeds with a single application. Apply at any time when the weeds are actively growing and have

adequate leaf area to absorb the spray. Woody perennials are best treated at flowering.

Do not spray onto weeds which are naturally senescent, or where growth is impaired by drought, high temperatures, a covering of dust, flooding or frost at, or immediately after application, otherwise poor control may result.

A period without rain of at least 6 hours and preferably 24 hours must follow application of ROUNDUP BIACTIVE XE(A).

Avoid all contact with cultivated plants by spray or spray drift.

Follow the Directions for Use table below.

Directions for Use

Situation	Product per 1 litre of water for broadcast foliar applications	Area Treated	Spot applications (%soln) Based on 200l.ha	Best time of year to treat
Annual weeds: e.g. Chickweed, Speedwell, Annual Meadow-grass	30ml	100 m ²	1.5%	April - November
Perennial Grasses: including Scutch	40ml	100 m ²	2.0%	April - November
Perennial broad-leaved weeds: e.g. Bindweed, Dandelions, Docks, Ground Elder, Thistles	50ml	100 m ²	3.0%	Dandelions, Docks : April – October Bindweed, Ground Elder, Thistles : around the time of flowering
Areas not intended to bear vegetation	50ml	100 m ²	3.0%	April-November
Brush weeds : e.g. Brambles, Nettles, Horsetail, Bracken, Japanese Knotweed	50ml	100 m ²	3.0%	Brambles, Nettles, scrub : June - September, Horsetail, Bracken : , July - August Fully grown Nettles : cut back in early summer and treat regrowth in September. Japanese Knotweed: For best results apply at flowering (August/September) May also apply from late May-September when stems are 1-1.5m high. Repeat once re-growth reaches 1-1.5m
Grass Renovation:	50ml	100 m ²	3.0%	Grass may be covered or grazed by cattle, dairy cows or sheep 5+ days after spraying.

Material Safety Data Sheet

A material safety data sheet for this product is available on request: www.bayercropscience.ie or call 1800 818534.