

## ROUNDUP® OPTIMA+

ROUNDUP® OPTIMA+ is a non-selective, translocated weedkiller that is absorbed by leaves and moves throughout the entire plant, above and below ground, to control annual and perennial weeds, including grasses and deep rooted perennials weeds. It also controls Brambles, Bracken, Nettles, and other tough and woody weeds. ROUNDUP® OPTIMA+ is degraded by micro-organisms in the soil. KEEP CHILDREN AND PETS OUT OF TREATED AREAS UNTIL DRY

### Instructions for use

- Apply as a foliar spray to weeds at any time when the weeds are actively growing and have adequate leaf area to absorb the spray.
- Avoid spraying when rain is imminent. Rain within 6 hours of spraying may reduce effectiveness, so repeat treatment may be necessary.
- Avoid spraying in windy conditions, as spray drift to lawns and other wanted plants will damage or destroy them.
- Avoid all other spray contact with cultivated plants. If cultivated plants are treated by mistake, IMMEDIATELY AND THOROUGHLY wash off the weedkiller with ample water.

### Where to use

ROUNDUP® OPTIMA+ controls annual weeds and most perennial weeds around the garden and on areas not intended to bear vegetation such as hard surfaces, patios, drives, tarmac, paths and gravel areas. It can be used to clean up weedy ground before planting vegetables, flowers, bushes and trees, and to renovate overgrown areas. Direct spray away from ponds and other surface water bodies. DO NOT USE ON WANTED PLANTS. DO NOT USE ON AREAS OF LAWN UNLESS YOU WANT TO KILL IT. DO NOT USE UNDER POLYTHENE OR GLASS.

### How to use

Although not a requirement, as good practice, we recommend wearing waterproof gloves and gardening footwear. Work out the amount of spray solution needed by using the table below. Fill the sprayer with clean water to about 50% of the needed solution. Add the measured amount of concentrate (use the measuring cap). Shake gently and add clean water to the total amount needed. Close the sprayer; put it under pressure; direct the nozzle to the target weeds and spray. Apply by sprayer to lightly wet the leaves. 1 litre is approximately 2 pints, 5 litres is approximately 1 gallon. Do not apply through, or store in, galvanised or unlined steel sprayers or watering cans. Weeds show effects within 1-4 weeks. Dead or dying weeds can be dug in or composted without harming future plants.

### Annual and perennial weeds (Foliar applications)

ROUNDUP® OPTIMA+ to be added to: Sprayer - 1 litre of water	Area treated	When to treat
<b>Annual weeds:</b> Chickweed, Speedwell, Annual Meadow-grass	20 ml	30 m <sup>2</sup> <i>When actively growing, usually February – November</i>
<b>Perennial Grasses:</b> Including Couch	30 ml	30 m <sup>2</sup> <i>When actively growing, usually February – November</i>
<b>Tough perennial deep rooted and broad-leaved weeds:</b> Bindweed, Dandelions, Docks, Ground Elder, Thistles (see below#)	30 ml	30 m <sup>2</sup> <b>Dandelions, Docks:</b> <i>When actively growing, usually April – October</i>  <b>Bindweed, Ground Elder, Thistles:</b> <i>around the time of flowering</i>
Areas not intended to bear vegetation	30 ml	30 m <sup>2</sup> <i>When actively growing, usually February – November</i>
Lawn destruction	40 ml	30 m <sup>2</sup> <i>Treat in a period of active growth</i>

### Lawn Destruction

Apply ROUNDUP® OPTIMA+ to actively growing lawn before the onset of dormancy, usually between May and September. Allow at least 7-10 days for ROUNDUP® OPTIMA+ to be translocated to the roots of treated lawn. Remove dying and dead lawn. Either re-seed with grass seed or re-turf according to seed or turf providers instructions. ROUNDUP® OPTIMA+ should not be used on areas of lawn unless the user wants to kill it.

### Brush weeds and saplings (Foliar applications)

ROUNDUP® OPTIMA+ to be added to: Sprayer - 1 litre of water	Area treated	When to treat
Brush weeds: Brambles, Nettles, Horsetail (see below#) Bracken	20 ml	30 m <sup>2</sup> <b>Brambles, Nettles, scrub:</b> <i>June - September</i> <b>Horsetail, Bracken:</b> <i>July - August</i> <b>Fully grown Nettles:</b> <i>cut back in early summer and treat regrowth in September</i>

# Some tough weeds (e.g. Horsetail & Ground Elder) may need a repeat treatment if regrowth appears.

### Restriction

If not applied as a spot treatment, the maximum yearly dose must not exceed the dose indicated in the above crop tables. Do not walk or allow children and pets into treated areas until the product has dried on leaves to avoid transfer to lawns and other desired vegetation

**Maximum individual dose:** 1 a year. When applied to unwanted vegetation the maximum dose must not exceed 45 ml/30m<sup>2</sup>. When applied as a high volume spray the maximum concentration must not exceed 40 ml of product per 1 litre of water. When used on areas not intended to bear vegetation the maximum dose must not exceed 32 ml/30m<sup>2</sup>.

### Replanting and sowing

Light cover of annual weeds:	Replanting/Sowing intervals of one day to at least one week should be observed depending on the weed infestation treated.
Dense cover, including perennial weeds:	Leave at least 7 days for the weedkiller to move to underground roots and shoots before digging or cultivating soil.

After application, rinse the sprayer three times, pouring rinse water over bare ground. Triple rinse the empty bottle and pour rinse water over bare ground.

### First Aid

Eye contact: Immediately flush with plenty of water. If easy to do, remove contact lenses.

Skin contact: Take off contaminated clothing, wristwatch, jewellery. Wash affected skin with plenty of water. Wash clothes and clean shoes before re-use.

Inhalation: Remove to fresh air.

Ingestion: Immediately offer water to drink. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed by medical personnel. If symptoms occur, get medical attention

**Poisons Information:** For information, or to report a poisoning incident in Ireland contact The National Poisons Information Centre (01 8092166), retain the label for reference.

## ROUNDUP® OPTIMA+

### Kills most garden weeds with a single application.

This product is a home garden weedkiller for use on unwanted vegetation and areas not intended to bear vegetation (e.g. weeds growing through all hard surfaces including drives, patios, paths, tarmac, gravel and paving).

### FOR USE AS AN AMATEUR WEEDKILLER.

### DO NOT USE ON LAWNS AND OTHER WANTED PLANTS

### RISK AND SAFETY INFORMATION

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

### Read carefully and follow all instructions.

- Keep out of reach of children.
- Keep product away from food and drink.
- If medical advice is needed, have product container or label at hand.
- Keep product in original container.
- For the UK only:** Dispose of contents/containers to a household waste recycling centre as hazardous waste except for empty containers which can be disposed of in the dustbin. Contact your local council for details.
- For RoI only:** Dispose of contents/containers to a household waste recycling centre as hazardous waste except for empty containers which can be disposed of by recycling. Contact your local council for details.

MAPP 18846

PCS No. 04662

### SAFETY INFORMATION

**Protection during/in use:** WASH HANDS AND EXPOSED SKIN AFTER USE. KEEP OFF SKIN. WASH OFF SPLASHES IMMEDIATELY. If swallowed, seek medical advice immediately and show this container or label.

**Environmental protection:** DO NOT CONTAMINATE WATER WITH PRODUCT OR ITS CONTAINER.

**Storage and disposal:** KEEP PRODUCT AWAY FROM CHILDREN AND PETS. KEEP PRODUCT IN ORIGINAL CONTAINER, tightly closed, in a safe place. Do not empty into drains.

### Where to use examples



Clear weeds around walls, fences, trees & shrubs

Renovate overgrown areas

Clear weeds from drives & patios



Do not use with a watering can

Avoid drains and water points

Evergreen Garden Care UK Ltd  
1 Archipelago, Lyon Way, Frimley,  
Surrey GU16 7ER, England  
Telephone, +44 (0) 1276 401 300  
EU Importer  
Evergreen Garden Care France SAS,  
4 Allée des Séquoias, 69760 LIMONEST,  
FRANCE. Tel: +353 818 882 479

ROUNDUP® OPTIMA+ is a soluble concentrate containing 170 g/l (15.04 %w/w) glyphosate acid (present as 208 g/l (18.43 %w/w) potassium salt of glyphosate)



Keep children and pets away from treated areas until spray has dried



ROUNDUP® is a registered trademark and used under licence



PROTECT FROM FROST

1000ml e

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