



ROUNDUP PROVANTAGE 480

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL/INDUSTRIAL/FORESTRY/AQUATIC HERBICIDE.

Crops/situations

- All edible and non-edible crops (destruction, before sowing/planting).
- Grassland.
- Natural surfaces not intended to bear vegetation; permeable surfaces overlaying soil; hard surfaces.
- Enclosed waters, open waters, land immediately adjacent to aquatic areas.
- Forest, forest nursery (weed control, stump application and chemical thinning).
- Apples, pears, plums, cherries, damsons.
- Amenity vegetation.

SAFETY PRECAUTIONS

Operator protection

- WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate and when handling contaminated surfaces.
- WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND RUBBER BOOTS when using hand-held sprayers, hand-held rotary atomisers, weed wiper equipment or spot gun equipment or when making cut stump treatments OR WHEN USING STEM INJECTION EQUIPMENT.
- WASH HANDS AND EXPOSED SKIN before eating and drinking, and after work.

Environmental protection

- Do not contaminate water with the product or its bottle.
- Do not clean application equipment near surface water.
- Avoid contamination via drains.

Storage and disposal

- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

- KEEP OUT OF REACH OF CHILDREN.
- KEEP IN ORIGINAL BOTTLE, tightly closed, in a safe place.
- RINSE BOTTLE THOROUGHLY by manually rinsing three times. Add washings to sprayer at time of filling, and dispose of the bottle safely.

DIRECTIONS FOR USE

Warnings

- EXTREME CARE SHOULD BE TAKEN TO AVOID SPRAY DRIFT AS THIS CAN SEVERELY DAMAGE NEIGHBOURING CROPS OR PLANTS.
- DO NOT MIX, STORE OR APPLY ROUNDUP ProVantage IN GALVANISED OR UNLINED STEEL CONTAINERS OR SPRAY TANKS.
- DO NOT leave spray mixtures in tank for long periods and make sure tanks are WELL VENTED.

Restrictions

- A period without rain of at least 6 hours and preferably 24 hours must follow application of Roundup ProVantage.
- Do not spray on to weeds which are naturally senescent, or where growth is impaired by drought, high temperature, a covering of dust, flooding or frost at, or immediately after application, otherwise poor control may result.
- Do not spray in windy conditions as drift on to desired crops or vegetation can severely damage or destroy them.
- After application, large concentrations of decaying foliage, stolons, roots or rhizomes should be dispersed or buried by thorough cultivation before crop drilling.
- Applications of lime, fertilizer, farmyard manure and pesticides should be delayed until 5 days after application of Roundup ProVantage.
Keep stock out of treated areas for at least 5 days. TREATED POISONOUS PLANT SPECIES MUST BE REMOVED BEFORE RE-GRAZING OR CONSERVING.

Weeds Controlled

Roundup ProVantage herbicide controls most emerged grasses and broad-leaved weeds. It is important that all weeds are at the correct growth stage when treated, otherwise some re-growth may occur and this will need re-treatment.

Apply Roundup ProVantage herbicide once grasses and broad-leaved weeds have emerged and they have ACTIVELY GROWING green leaves.

- PERENNIAL GRASSES must have full emergence of healthy, green leaf.
(Common Couch, for example, becomes susceptible at the onset of tillering)

and new rhizome growth, which usually occurs when plants have 4–5 leaves, each with 10–15 cm of new growth.

- PERENNIAL BROAD-LEAVED WEEDS are most susceptible around the flowering stage.
- ANNUAL GRASSES AND BROAD-LEAVED WEEDS should have at least 5 cm of leaf, or 2 expanded true leaves, respectively. In set-aside, annual grasses are best treated at full ear emergence, or before stem elongation. Application during the stem extension phase of annual grasses, e.g. Black-grass and Brome species on set-aside between the end of April and end of May, may result in poor control and require re-treatment.
- BRACKEN should be treated after frond tips are unfurled, but pre-senescence.
- This product will not give an acceptable level of control of Horsetails (*Equisetum arvense*) – repeat treatment will be necessary.

INSTRUCTIONS FOR USE

When To Use

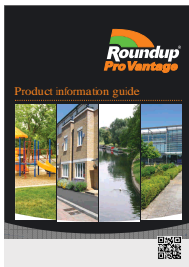
- Apply at any time when weeds are showing green leaf and are actively growing.
- Do not apply in windy conditions or if rain is expected within 6 hours or during drought conditions. At least 6 hours are required for the spray to become rainfast and taken up by the foliage after application. For maximum efficacy, it is preferable that at least 24 hours elapse before any rainfall occurs after application.
- Effects will be seen on some weeds within a few days, but it can take up to 4 weeks. Activity will be slower in cooler weather.
- Do not use in frosty conditions.
- Repeat applications can be made if weeds re-grow.

How To Use

For use in a sprayer only. NOT FOR USE IN A WATERING CAN.

Dilution rate: 18.8 ml per 1 litre of water.

1 litre will cover 50 m².



Copies of the official **Roundup ProVantage Product information guide** can be downloaded from HGG's website:
http://www.hggs.org.uk/Roundup_Brochure.pdf



Copies of the official **Roundup ProVantage Material Safety Data Sheet** can be downloaded from HGG's website:
http://www.hggs.org.uk/Roundup_MSDS.pdf

