

# Portman Glyphosate

**A foliar applied systemic herbicide for the control of annual and perennial grasses and broad-leaved weeds before sowing or planting various crops and stubbles of all crops. For use pre-harvest in cereals and oilseed rape, destruction of grassland and in forestry.**

**An aqueous concentrate containing 480g/l (41.1% w/w) isopropylamine salt of glyphosate (equivalent to 360g/l glyphosate) and polyoxyethylene amine surfactant**

*-The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.*

**STATUTORY CONDITIONS RELATING TO USE  
FOR USE ONLY AS AN  
AGRICULTURAL/HORTICULTURAL/INDUSTRIAL/FORESTRY HERBICIDE.**

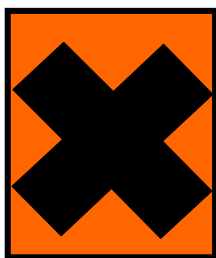
<p><b>FOR USE ON</b> <b>MAXIMUM INDIVIDUAL DOSE</b> <b>NUMBER OF TREATMENTS</b> <b>LATEST TIME OF APPLICATION OR HARVEST INTERVAL</b></p>	}	<p>Directions are given under <b>DIRECTIONS FOR USE</b></p>
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Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling or applying the concentrate. WEAR SUITABLE PROTECTIVE CLOTHING (WATERPROOF JACKET AND TROUSERS), SUITABLE PROTECTIVE GLOVES AND RUBBER BOOTS when using low volumes in a knapsack sprayer. However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

HARMFUL TO FISH OR OTHER AQUATIC LIFE: Do not contaminate surface waters or ditches with chemical or used containers.

(MAFF05891) READ ALL PRECAUTIONS BEFORE USE



**IRRITATING  
TO EYES AND SKIN**

**5 Litres e**

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# Portman Glyphosate

## **DIRECTIONS FOR USE**

Please read carefully these directions before use.

PORTMAN GLYPHOSATE should not be used for any other uses than those recommended on this label.

### **STATUTORY CONDITIONS RELATING TO USE**

#### **FOR USE AS AN AGRICULTURAL/HORTICULTURAL/INDUSTRIAL/FORESTRY HERBICIDE**

Crops/Situation	Maximum Individual dose (litres product/hectare)	Maximum number of treatments	Latest timing of application
Wheat, Barley and Oats	4	One per crop	7 days before harvest
Oilseed Rape	4	One per crop	14 days before harvest
Stubbles of all crops	Either i) 4 Or ii) 1.5	One per situation	5 days before drilling or planting of the following crop 2 days before drilling or planting of the following crop
Grassland	6	One per year	5 days before harvest, grazing or drilling
Land not intended for cropping	6	-	-
Forestry – Weed Control	6	-	-

#### **Pre-harvest wheat, barley, oats**

##### **Use rate**

Use PORTMAN GLYPHOSATE at 4 l/ha for the control of common couch, other perennial grasses and perennial broad-leaved weeds. A lower rate of 1.5 l/ha is recommended for Harvest Management in wheat, barley and oats only controlling annual broad-leaved weeds, annual grasses, cereal stems and cereal leaves. At this rate PORTMAN GLYPHOSATE should be mixed with an authorised surfactant of the ethoxylated tallow amine type (please refer to section on authorised surfactants).

PORTMAN GLYPHOSATE may be applied as directed to all crops subsequently used for feed, to wheat and oat crops destined for milling and to barley for malt for brewing.

Harvest Management applications to volunteer wheat and wheat crops should be made up to 14 days before harvest and, when weather is persistently dull after spraying, allow 14 days before harvest, especially on broad-leaved weeds. At Harvest Management rates, *Polygonum* weeds, Rosebay Willow Herb, Vol. potato and Annual Nettle will not be controlled. Apply in water volumes of 80-250 l/ha

##### **Timing of Application:**

Apply when grain moisture content is below 30%, not less than 7 days before harvest

##### **Number of Applications:**

One treatment per crop is permitted

##### **Additional Information:**

DO NOT TREAT CROPS GROWN FOR SEED.

Use high clearance spray equipment with row-crop wheels and crop dividers Remove, chop or incorporate straw, as appropriate, after harvest. Do not use treated straw as a horticultural mulch Remove straw prior to cultivation. Your grain merchant should be consulted before crops being grown on contract or barley for malt for distilling are treated.

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## *Pre-harvest Oilseed Rape*

**Use Rate:**

Use PORTMAN GLYPHOSATE at 4 l/ha for the control of common couch at populations above 75 shoots/m<sup>2</sup>, other perennial grasses and perennial broad-leaved weeds. A lower rate of 3 l/ha is recommended for the control of populations of common couch up to 75 shoots/m<sup>2</sup> and annual weeds. PORTMAN GLYPHOSATE can also be used as a crop desiccant at 3 l/ha provided That the crop seeds have under 30% moisture content.  
Apply in water volumes of 200-250 l/ha

**Timing of Application:**

Apply when seed moisture content is below 30%, not less than 14 days before harvest. Apply to standing crops only.

**Number of Applications:**

One treatment per crop is permitted.

**Additional Information:**

DO NOT TREAT CROPS GROWN FOR SEED.

Use high clearance spray equipment with row-crop wheels and crop dividers.

For effective combining, DO NOT treat crops with significant levels of secondary regrowth.

Do not treat later maturing areas of crops caused by pigeon damage, poor drainage etc.

Oilseed rape suffering from stress factors, disease, extreme heat or drought may not mature evenly following application.

Remove, chop or incorporate straw, as appropriate, after harvest.

Remove straw prior to cultivation.

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## *Grassland Sward Destruction and Control of Associated Weeds*

**Use rate:**

Use PORTMAN GLYPHOSATE at 6 l/ha for the destruction of permanent pasture and the control of established perennial weeds such as Common Ragwort, Hard and Jointed Rush, Heath Rush, Red Fescue, Molinia, Nardus, Sheeps Fescue, White Clover, Yellow Rattle.

Perennial broad-leaved weeds will be controlled at 5 l/ha including Bracken, Creeping Buttercup, Dwarf Thistle, Sedges, Spear Thistle, Creeping Thistle, Perennial Sow-Thistle, Common Nettle, Sheeps Sorrel, Tufted Hairgrass, Common Sorrel, Daisy, Red Clover, Soft Ruch and Yarrow.

Perennial grasses in 2-4 year old leys will be controlled at 4 l/ha including Black Bent, Common Bent, Creeping Softgrass, Plantains, Broad-leaved Dock, Common Couch, Curled Dock, Soft Brome, Cock's-foot, Creeping Bent, Perennial Rye-grass and Yorkshire Fog.

Annual Weeds will be controlled in short-term leys at 3 l/ha including Annual Meadow-grass, Dock seedlings, Meadow Fescue, Speedwell species, Common Chickweed, Italian Ryegrass, Meadow Foxtail, Timothy, Common Mouse-ear, Mayweed species, Rough Meadow-grass.

Apply in water volumes of 150-250l/ha

**Timing of Application:**

Apply to regrowth after grazing or cutting. Before grazing or cutting apply between June and October ensuring that crops are 30-60 cm tall, not dense and lacking mature seeds at spraying. Do not apply less than 5 days before harvest grazing or drilling. Bracken must be treated at full frond expansion.

**Number of Applications:**

One treatment per year is permitted

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## **Additional Information:**

Fescues, Bracken, White Clover, Dandelions, Buttercup species and Equisetum species can be difficult to control. Ensure weeds are at the correct growth stage and application is at the correct timing. Treated poisonous plant species must be removed before grazing or cutting. Grass may be used 5 days after treatment. Livestock may graze or be fed treated forage.

Lime or fertiliser should not be applied prior to application of PORTMAN GLYPHOSATE. Normal cultivations may ensue once fields are cleared of grass crops.

Do not direct drill grass or clover after application except:

- either i) 1 to 2 year leys lacking mat, Drill after removal of all trash, 5 days after spraying
- or ii) long leys with some mat present. Delay drilling until spring, after autumn application only.

## ***Stubbles and pre-cultivated land***

### **Use Rate:**

Use PORTMAN GLYPHOSATE for autumn or spring weed control between all crops:

- i) at 1.5 l/ha for the control of annual broad-leaved and annual grass weeds, including volunteer cereals, with the addition of an authorised surfactant -please refer to section on authorised surfactants.
- ii) at 4.0 l/ha for the control of perennial weeds including, in autumn only, volunteer potatoes. N.B. Do not apply at this rate in pre-cultivated land.

Apply in water volumes of 80-250 l/ha

### **Timing of Application:**

Apply PORTMAN GLYPHOSATE:

- i) for annual weed control at 1.5 l/ha not less than 2 days before direct drilling. Cultivation can begin 24 hours after application.
- ii) for perennial weed control at 4 l/ha not less than 5 days before cultivations or drilling. Volunteer potatoes should have plenty of haulm growth when sprayed. In spring, allow 21 days weed growth before spraying. Do not cultivate before spraying.

### **Number of Applications:**

One treatment per season is permitted.

## ***Around the Farm - Land not intended for Cropping***

### **Use Rate:**

Use PORTMAN GLYPHOSATE at 1.5 l/ha for the control of annual weeds, 4.0 l/ha for the control of perennial grasses and 6.0 l/ha for the control of perennial broad-leaved weeds. Apply in water volumes of 80-200 l/ha.

### **Timing and Number of Applications:**

Apply as and when required when the weeds are actively growing, e.g. for removal of weeds before sowing; weed control along fences, in stockyards, in storage areas, around buildings, along roads and ditch edges and on paths; regrowth in root storage areas.

### **Additional Information:**

DO NOT USE IN OR ALONGSIDE HEDGEROWS, UNDER POLYTHENE or UNDER GRASS.

## ***Forestry - Weed Control Pre-planting and Post Planting as Directed Sprav.***

### **Use rate:**

1. Pre-planting

Use PORTMAN GLYPHOSATE at 4.0 l/ha for the control of arable weeds and 5.0 l/ha for the control of grassland weeds. Apply in 80-250 l/ha

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## 2. Post-planting (as directed spray)

Use PORTMAN GLYPHOSATE at 4.0 l/ha for the control of annual and perennial grasses 3.0l/ha for broad-leaved and woody weeds \* and 6.0 l/ha for the control of heather on mineral soils (4.0l/ha on peat soils). Apply using a knapsack or hand-held applicator 1 part of PORTMAN GLYPHOSATE to 50 parts water. NB. IT IS ESSENTIAL TO USE A TREE GUARD WHEN MAKING APPLICATIONS DURING THE GROWING SEASON.

\*This rate will not control Rhododendron.

### **Timing and Number of Applications.**

In pre-planting situations apply PORTMAN GLYPHOSATE at least 7 days before planting.

In post-planting situations:

- apply to bracken after frond tips have unfurled but before senescence
- apply to heather late August to the end of September
- apply to all other woody weeds in June-August before leaf senescence but after new growth of the crop has hardened.

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### **SPRAY QUALITY**

Apply as a medium/coarse spray BCPC definition at a spray pressure of 1.5-2.5 bars.

### **SPRAY EQUIPMENT AND SPRAYER HYGIENE**

Apply through conventional hydraulic sprayers tractor mounts/drawn or knapsack.

After using all sprayers, thoroughly clean tanks, pumps, plumbing and nozzle/rotary atomiser units, using a recommended detergent cleaner to avoid transfer of pesticide residues to subsequent applications.

### **AUTHORISED SURFACTANTS**

PORTMAN GLYPHOSATE may be tank mixed with Team or Frigate.

### **WEED SUSCEPTIBILITY**

Perennial grass weeds must be fully emerged at application with healthy, green active growth. Common couch reaches the susceptible stage of growth when tillering and when new rhizome growth commences, when plants have 4-5 leaves each of 10-15 cm. The majority of perennial broad-leaved weeds are most susceptible at or near flowering. Annual grasses should have at least 5 cm of leaf and annual broad-leaved weeds at least 2 expanded true leaves.

Reduced control may result when weed growth is inhibited by natural senescence, through drought high ambient temperatures, frost, flooding or a covering of dust at spraying, or just afterwards.

Since a delay of several days is required to ensure full translocation of PORTMAN GLYPHOSATE throughout a weed, applications of lime, farmyard fertiliser and pesticides should be delayed for at least 5 days after application. Thorough cultivations are necessary to disperse or bury decaying organic matter, eg, concentrations of decaying foliage, roots, rhizomes or stolons, which might especially after direct drilling, check crop growth. Thereafter, loose soils should be properly consolidated, adequately fertilised and crops protected against disease and insect damage, especially after grassland.

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## **CAUTIONS:**

- \* Do not mix or apply PORTMAN GLYPHOSATE in galvanised or uncoated mild steel containers or tanks.
- \* Do not tank-mix with pesticides or fertilisers, since these may impair weed control.
- \* Apply to actively growing weeds with adequate leaf area for chemical uptake.
- \* Do not apply if rainfall is expected within 6 hours of proposed application time or effectiveness will be reduced, A rainfree period of 24 hours is preferred.
- \* **EXTREME CARE SHOULD BE TAKEN TO AVOID DRIFT.** Do not spray when windy enough to cause spray drift, since damage to other crops or vegetation may result.
- \* Do not spray during frosty weather; this may prevent active growth and induce weed senescence.
- \* **DO NOT** leave spray mixtures in tank for long periods and make sure tanks are **WELL VENTED.**

## **PRECAUTIONS:**

WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling or applying the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (WATER-PROOF JACKET AND TROUSERS), SUITABLE PROTECTIVE GLOVES AND RUBBER BOOTS when using low volumes in a knapsack sprayer.

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

WHEN USING DO NOT EAT, DRINK OR SMOKE

WASH CONCENTRATE from skin and eyes immediately.

DO NOT BREATHE SPRAY

WASH HANDS AND EXPOSED SKIN before meals and after work.

HARMFUL TO FISH OR AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used containers.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

WASH OUT CONTAINER THOROUGHLY empty washings into spray tank and dispose of safely.

## **ADVANTAGES OF USING PORTMAN GLYPHOSATE**

Controls annual and perennial weeds.

Used pre-harvest of cereals it controls couch and other perennial weeds at the optimum timing.

Used pre-harvest of oilseed rape it desiccates the crop, facilitating direct combine harvesting.

Used in crop stubbles it reduces potential weed competition prior to a new crop.

Destroys grass swards prior to reseeding.

Can be applied around the farm as a general 'clean-up'.

All crops, edible and non edible, may be sown or planted after application of PORTMAN GLYPHOSATE at intervals as specified.

### **Section 6 of the Health and Safety at Work Act Additional Product Safety Information**

(This section does not form part of the product label under the Control of Pesticides Regulations 1986)

The product label provides information on a specific pesticidal use of the product: do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has 'off-label' approval or is otherwise permitted under the Control of Pesticides Regulations.

The information contained in this label is based on the best available information including data from test results. A complete Material Safety Data Sheet is available on request.

#### **Occupational Exposure Standards (OES)/Maximum Exposure Limits (MEL)**

Portman Glyphosate - No OES/MEL for formulated product.

Active Ingredient - glyphosate - no OES/MEL.

### Health Effects

Accidental over exposure may result in the following symptoms:

- Skin : Irritation.
- Eyes : Minor conjunctival effects.
- Ingestion : Gastrointestinal tract irritation. (discomfort, nausea, vomiting, diarrhoea)

If you should feel unwell seek medical advice - show the label where possible. Medical guidance is available on a 24 hour basis by telephoning 023 8040 6640 (office hours) or for doctors, from the National Poisons Information Service (020 7955 5000).

### First Aid

Remove patient to fresh air.

- Eyes Flush immediately with plenty of clean water for at least 15 minutes. If there is persistent irritation get medical attention and show this label.
- Skin Take off immediately all contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical attention and show this label.
- Ingestion: If swallowed get medical attention and show this label.

### Advice to Physicians

This product is not an inhibitor of cholinesterase and treatment with atropine and oximes is not indicated.

Treat symptomatically.

### Personal Protective Equipment (PPE)

See Precautions section of the label.

### Measures in case at spillage

When dealing with gross spillage wear the following Personal Protective Equipment as appropriate:

- Gloves chemical resistant rubber (min. thickness 0.4mm)
- Overalls coated cotton coveralls.
- Boots pvc or rubber wellingtons.

See Precautions section of the label for handling product.

Avoid skin and eye contact with product or contaminated surfaces.

Do not eat drink or smoke.

Wash thoroughly immediately after handling or at once if contaminated.

Keep people and animals away.

If possible, decontaminate PPE before removal. Where this is not possible (before or after removal) dispose of as contaminated wastes.

Contain/absorb spillage with sand or earth - do not allow contamination of public drains or surface or ground waters. Collect contaminated sand or earth, transfer to heavy-duty plastic bags or drums (**NOT** mild steel) and keep safe before disposal. Dispose of through a reputable waste disposal contractor:

**N.B.:** Inform local water plc immediately if spillage enters drains and the National Rivers Authority or River Purification Boards if it enters surface or ground waters.

### Storage

Keep at temperatures not exceeding 40°C and above -15°C.

### Fire Hazards

Non-combustible.

### Fire Fighting

Call the fire brigade at once to deal with all fires involving pesticides unless the fire is small and immediately controllable. Avoid breathing smoke or fumes.

Action where fire is controllable: Do not breathe fumes. Spray unopened containers with water and keep cool. If without risk, remove intact containers from exposure to the fire. Extinguish fire with foam, water spray, dry powder chemical, CO<sub>2</sub>. Contain fire fighting water bunding if necessary with sand or earth.

### Disposal

Dispose of empty containers via the Local Authority or an approved waste disposal contractor. Failing this burn empty containers at **high temperatures**, avoiding contamination by smoke of yourself other people and property.

Follow the guidance on the disposal of surplus spray solution, tank washings, concentrate and containers as given in Part 5 of the MAFF/HSE Pesticides : Code of Practice for the Safe Use of Pesticides on Farms and Holdings.