

Clayton Heed

MAPP 17701

An emulsifiable concentrate containing 800g/L prosulfocarb.

For the control of annual grass weeds and annual broad-leaved weeds in Winter Barley, Winter Wheat and Early and Maincrop Potatoes.

FOR PROFESSIONAL USE ONLY



Danger

Flammable liquid and vapour.

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Very toxic to aquatic life with long lasting effects.

Keep out of reach of children.

Keep away from heat/sparks/open flames/hot surfaces.

Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Do NOT induce vomiting.

Collect spillage. Store in a well-ventilated place. Keep cool. Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean 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.

Protect from frost
Store above 5°C Keep
away from food, drink
and animal feed

Ensure adequate ventilation in working area

**NET CONTENTS: xx
Litres**

Distributed by:

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IMPORTANT INFORMATION

For use only as a professional agricultural herbicide

Maximum Crop of treatments	Maximum Latest time of application Individual Dose (Litres product per hectare)	Number
Wheat (winter)	5.0 pre-emergence	
Barley (winter)	One per crop OR 3.0 up to GS21 Early tillering (GS21)	Pre-emergence
Potatoes One per crop	5.0 At emergence (soil rising)	

Other Specific Restrictions:

Do not apply using hand-held equipment.

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN
A MANNER THAT IS INCONSISTENT WITH THE
LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF
PRACTICE FOR USING PLANT PROTECTION PRODUCTS.**

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) AND GLOVES when handling the concentrate and contaminated surfaces.

However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves. **WASH CONCENTRATE FROM** skin or eyes immediately.

AVOID ALL CONTACT BY MOUTH DO

NOT BREATHE SPRAY

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking and after work.

Environmental Protection

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

Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 metre of the top of a ditch which is dry at the time of application.

Aim spray away from water.

This product qualifies for inclusion in the Local Environment Risk Assessment for Pesticides (LERAP) scheme.

Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with HSE's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for 3 years.

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

Storage and Disposal

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

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely. **DO NOT RE-USE** container for any purpose.

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

DIRECTIONS FOR USE

IMPORTANT: this information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

RESTRICTIONS

Do not apply to crops under stress or to crops suffering from waterlogging, pest attack, disease, frost or the effects of high diurnal temperature changes. Transient yellowing can occur although crops fully recover. For cereals, seed must be covered by 3cm of soil and for best results apply to a firm, moist seedbed free of clods. **DO NOT** sow field beans or broad beans within 12 months of application.

WEEDS CONTROLLED

GRASSWEEDS CONTROLLED	
Susceptible	
Rough stalked meadow grass	Pre-emergence
Moderately susceptible	
Annual meadow grass	Up to 3 true leaves
Loose silky bent	Pre-emergence

CLAYTON HEED used pre-emergence will reduce blackgrass and Italian ryegrass populations. It should only be used as part of an appropriate management strategy involving sequences with products of alternative modes of action and the use of cultural techniques.

BROAD-LEAVED WEEDS CONTROLLED	
Susceptible	
Ivy leaved speedwell	Up to cotyledon stage
Black nightshade	Pre-emergence
Chickweed	Up to 2 true leaves
Forget Me Not	Pre-emergence
Cranesbill	Pre-emergence
Red dead nettle	Pre-emergence
Common field speedwell	Up to cotyledon stage
Green field speedwell	Up to cotyledon stage
Wall speedwell	Pre-emergence
Moderately susceptible	
Cleavers	Up to 1 whorl
Resistant	
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Weed Resistance

Strains of some annual grasses (e.g. black-grass, wild-oats, and Italian rye-grass) have developed resistance to a range of herbicides which may lead to poor control from one or more product or mode of action. A strategy for preventing and managing such resistance should be adopted. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop adviser or product manufacturer. CLAYTON HEED should only be used for control of herbicide resistant strains of annual grasses as part of an appropriate management strategy, including sequences with herbicides of alternative modes of action and the use of cultural techniques.

CROP SPECIFIC INFORMATION

Winter Cereals

CLAYTON HEED applied pre-emergence may infrequently slow crop emergence. This effect is transient and has been demonstrated not to adversely affect yield.

Potatoes

For control of a wider spectrum of weeds use CLAYTON HEED in mixture with either RETRO or approved formulations of products containing the active ingredients metribuzin or linuron, only as a pre-emergence application. Please consult company literature for specific product and best use guidelines. Always observe full label restrictions for any tank mix partner.

Timing

Winter Cereals

CLAYTON HEED can either be use at pre-emergence of the crop or at post-emergence of the crop up to GS 21. One application per crop.

Early and Maincrop Potatoes

CLAYTON HEED may be applied pre-emergence or at emergence of the crop (soil rising over emerging potato shoots). Complete ridge formation before application of CLAYTON HEED and do not disturb treated soil after application.

Rates of Use

Winter Cereals pre-emergence

5 litres of product per hectare. One application per crop.

OR

Winter Cereals early post-emergence up to GS21

3 litres of product per hectare. One application per crop.

Early and Maincrop Potatoes up to GS11

5 litres of product per hectare. One application per crop.

FOLLOWING CROPS

Winter Cereals, Early and Maincrop Potatoes

Do not sow field beans or broad beans within 12 months of application.

In the case of winter cereal crop failure, Winter Wheat or Winter Barley may be sown immediately in the autumn.

The following crops may be sown in the spring after winter cereal crop failure:

Without ploughing

Sunflowers

Maize

Flax

Spring oats

Spring barley

Spring wheat

Spring peas

Spring oilseed rape

Soya beans

With ploughing

Carrots
Lettuce
Onions
Sugar beets
Potatoes

Do not sow Field

beans
Broad beans

The following crops may be sown in the autumn after potato crop failure or normal harvest:

Without ploughing

Winter oats
Winter barley
Winter wheat

MIXING AND SPRAYING

MIXING

Fill the spray tank with half the required volume of clean water and start agitation.

Add the required amount of CLAYTON HEED and continue agitation whilst adding the rest of the water. Agitate the mixture thoroughly before use and continue agitation during spraying.

SPRAYING

Apply CLAYTON HEED in a water volume of 200-400 litres per hectare.

Apply CLAYTON HEED using a conventional fan nozzle producing a medium spray quality as Defined by the British Crop Protection Council. A spray pressure of 2.0-3.0 bars is recommended. CLAYTON HEED is rainfast after 1 hour.

WASHING OUT PROCEDURE

Immediately after use, clean the spray equipment thoroughly. Drain the system completely and rinse spray tank, boom and nozzles two to three times with clean water until the foam and all traces of product have been removed.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during or after application, which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded, and no responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

