

CLAYTON HEED

An emulsifiable concentrate formulation containing 800 grams per litre of prosulfocarb.
For the control of annual grass weeds and annual broad-leaved weeds in Winter Barley, Winter Wheat and Early and Main-crop Potatoes

	<p>FOR PROFESSIONAL USE ONLY Signal Word : Danger 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.</p>
	<p>Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wear protective gloves/ eye protection/ face protection. IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting.</p>
	<p>IF ON SKIN wash with plenty of soap and water If skin irritation or rash occurs: Get medical advice/ attention. IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. 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 empty triple rinsed clean containers which can be disposed of as non-hazardous waste. Take off contaminated clothing and wash before reuse Contaminated work clothing should not be allowed out of the workplace Wash contaminated clothing before reuse Store locked up Collect spillage</p>
<p>To avoid risks to human health and the environment, comply with the instructions for use.</p>	
<p>PCS 06487</p>	

IMPORTANT INFORMATION : FOR USE ONLY AS AN AGRICULTURAL HERBICIDE			
Crops	Maximum individual dose L/ha	Maximum number of treatments	Latest time of application
Winter wheat, winter barley	5L/ha (pre-emergence)	1 per crop	Pre-emergence
	Or 3L/ha (early post emergence up to GS21)		Before early tillering (GS22)
Potatoes (seed and ware)	5L/ha	1 per crop	At emergence (soil rising over emerging potato shoots)

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

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

Approval Holder : Clayton Plant Protection Ltd., Bracetown Business Park, Clonee, Dublin 15. Ireland. Tel: (00 353) 1 8210127 www.cpp.ag Email: info@cpp.ag	Pack size : 10L e UN 3082 Batch No :
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Conditions of Supply: all goods supplied by us are of high quality and we believe them to be correct but, as we cannot exercise control over their storage, handling, mixing or use, or weather conditions before, during and 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 resellers 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.

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), SUITABLE PROTECTIVE GLOVES when handling the concentrate and handling 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 CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before eating and after work.

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

Environmental Protection

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.

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area. To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

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.

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	- Susceptible at cotyledon stage
	Black nightshade	- Pre-emergence
	Chickweed	- Susceptible at up to 2 true leaves
	Forget Me	- Not Pre-emergence
	Cranesbill	- Pre-emergence
	Red dead nettle	- Pre-emergence
	Common field speedwell	- Susceptible at cotyledon stage
	Green field speedwell	- Susceptible at cotyledon stage
	Wall speedwell	- Pre-emergence
Moderately susceptible	Cleavers	- Moderately susceptible at 1 whorl.
Resistant	Field pansy	- Resistant at emergence

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 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 approved formulations of products containing the active ingredient metribuzin, 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 used at pre-emergence of the crop (5 L/ha) or at post-emergence of the crop up to GS 21 (3 L/ha). 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. Use 5 litres of product per hectare. One application per crop.

OR

Winter Cereals early post-emergence up to GS21. Use 3 litres of product per hectare. One application per crop.

Early and Maincrop Potatoes up to GS11. Use 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, 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.
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.

COMPANY ADVISORY INFORMATION

Apply with a Droplet Spectrum of Coarse to Very Coarse, use 3* LERAP (minimum 75% Drift Reduction Nozzles) at correct drift reduction operating pressures.
Keep forward speeds < 12km/hr.
Ensure Boom height is maintained at 50cm above target.
Apply at 200L water/ha.
Wind < 4 m/s. Do not apply in still wind conditions (Force 0)

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