



Clayton Propel Plus

A suspension concentrate containing 500 g/ litre propyzamide and 5.3 g/ litre aminopyralid (present as 6.3 g/litre aminopyralid potassium salt). A foliar and residual herbicide for the control of a wide range of weeds in winter oilseed rape.
MAPP 17227

 	<p>CLAYTON PROPEL PLUS contains 500g/L propyzamide and 5.3g/L aminopyralid in a suspension concentrate formulation.</p> <p>WARNING SUSPECTED OF CAUSING CANCER TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS</p> <p>DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. 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.</p> <p>Also contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.</p> <p>To avoid risks to human health and the environment, comply with the instructions for use.</p>
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IMPORTANT INFORMATION : FOR USE ONLY AS AN AGRICULTURAL HERBICIDE	
Crops/Situations:	Oilseed rape (winter)
Maximum Individual Dose:	1.7 L/ha
Maximum Number of Treatments:	1
Latest Time of Application:	Before 1st February in year of harvest
Other Specific Restrictions:	
Do not harvest crops for human or animal consumption for at least 6 weeks after application. Livestock must be kept out of treated areas for at least 1 week following treatment and until poisonous weeds such as ragwort have died and become unpalatable. Users must have received adequate instruction, training and guidance in the safe and efficient use of the product and must take all reasonable precautions to protect the health of human beings and non-target organisms and safeguard the environment. The product must not be used on land within one calendar year of treatment where vegetation will be cut for animal feed, fodder or bedding nor for composting or mulching Following crops (winter and spring wheat) should not be planted within 30 weeks of application of CLAYTON PROPEL PLUS.	
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 GLOVES when handling the concentrate or 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 HANDS before meals and after work.

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.

Storage and disposal:

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

EMPTY CONTAINER COMPLETELY and dispose of safely.

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**Contents: 10L e
PROTECT FROM FROST
SHAKE THOROUGHLY BEFORE USE**

Batch No:

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.

DIRECTIONS FOR USE

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

WARNINGS

CLAYTON PROPEL PLUS contains aminopyralid. Traces of this material in oilseed rape straw can damage sensitive crops. Aminopyralid residues in plant tissues which have not completely decayed may affect succeeding susceptible crops e.g. peas, beans and other legumes, sugar beet, fodder beet, carrots and umbelliferae, potatoes and tomatoes, lettuce and other compositae. Therefore follow good agricultural practice to ensure that all remains of the oilseed rape crop have completely decayed before planting susceptible crops.

DO NOT remove oilseed rape straw from the field unless it is to be used for burning for heat or electricity production.

DO NOT feed animals with treated oilseed rape straw.

DO NOT use oilseed rape straw for animal bedding, composting or mulching.

Do not make more than one application of CLAYTON PROPEL PLUS to any one crop and take care to avoid local overdosing

If livestock is inadvertently fed or bedded on oilseed rape straw treated with CLAYTON PROPEL PLUS, **do not** use animal waste for composting.

Do not use on crops grown for seed.

Neighbouring Crops/Plants

Avoid damage by drift onto susceptible crops, non-target plants or waterways. Do not apply directly to, or allow spray drift to come into contact with agricultural or horticultural crops, amenity plantings, gardens, ponds, lakes or watercourses.

SOIL TYPES AND WEATHER CONDITIONS

CLAYTON PROPEL PLUS can be used on all soil types except those containing more than 10% organic matter.

CLAYTON PROPEL PLUS requires moisture for root uptake. Best residual action is obtained in moist soils of fine tilth.

CLAYTON PROPEL PLUS can be applied under frosty conditions but should not be used where run-off from the soil surface is likely.

Best results are achieved when growth of weeds (especially blackgrass and volunteer cereals) is slow, but transpiration continues. In mild autumns/winters, emerged weeds may take longer to be controlled. The residual activity of CLAYTON PROPEL PLUS will be shortened and overall control may be reduced.

The efficacy of CLAYTON PROPEL PLUS may be reduced in organic soils and in the presence of excessive surface organic debris, burnt straw, ash, or ploughed-up turf.

RESISTANCE

Strains of some annual grasses (e.g. blackgrass, wild oats, Italian ryegrass) have developed resistance to herbicides which may lead to poor control. 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.

USE WITH OTHER HERBICIDES

CLAYTON PROPEL PLUS can be applied after the use of an approved specific graminicide applied in accordance with the manufacturers' recommendations.

CROP : WINTER OILSEED RAPE

WATER VOLUMES : Apply CLAYTON PROPEL PLUS in 200 to 300 litres of water per hectare. Ensure good ground cover.

APPLICATION EQUIPMENT : Application should be made through a ground crop sprayer. **Do not** apply through broadcast air-assisted sprayers.

CROP RECOMMENDATION TABLES

Rate of Use	Weed Species	Stage of Weed Growth			Timing	Soil Type
		Germinating	Up to 2 leaf	Established*		
1.5 L/ha	Annual meadow-grass, barren brome, volunteer cereals, wild-oat	S	S	S	1st October to 31st January.	(Soil Texture (85 System)) All soils with
	Common chickweed ¹ ,	S	S	S ¹		

	mayweed, common poppy				As soon as possible after crop 3rd true leaf stage Crop selectivity is by depth protection. Shallow crop rooting may reduce selectivity	less than 10% organic matter
	Blackgrass ²	S	S	MS ²		
	Black-bindweed, black nightshade, fat-hen, knotgrass, redshank, small nettle, speedwells	S	S	MR		
	Field forget-me-not	MS	MS	R		
	Cleavers	MS	MR	R		
1.0 L/ha - Use this rate only where a specific graminicide has controlled volunteer cereals and grassweeds and chickweed is not a problem	Annual meadow-grass, volunteer cereals, wild-oat	S	S	S		
	Black-bindweed, black nightshade, common chickweed, fat-hen, knotgrass, redshank, small nettle	S	S	R		
	Speedwells	S	R	R		

S = Susceptible MS = Moderately susceptible MR = Moderately resistant R = Resistant

NOTES FOR CROP RECOMMENDATION TABLES

1 Chickweed control may be reduced where it is well established (over 10 cm in diameter)

2 Established (well-tillered) blackgrass is moderately susceptible: Where populations of blackgrass and/or volunteer cereals exceed 50/m² CLAYTON PROPEL PLUS should be applied in tank mix with an approved graminicide, or following an effective approved graminicide to ensure optimum weed control.

Deeper germinating blackgrass could reduce product efficacy. Where partial resistance (R# or RR#) to the partner graminicide is known to exist the rate of CLAYTON PROPEL PLUS may be increased to 1.7 L/ha. This may also be done if applications are made early in the season, under warm conditions and an increase in the duration of residual control is required. Where high levels of resistance (RRR#) to the partner graminicide occurs there is no advantage of adding this graminicide to CLAYTON PROPEL PLUS for blackgrass control, and even if used at 1.7 L/ha will not give acceptable levels of established black-grass control in these circumstances.

R = 1* RR = 2*/3* RRR = 4*/5*

FOLLOWING CROPS

Winter cereals and spring cereals only. Treated land must be mouldboard ploughed to a depth of 15 cm prior before drilling a following cereal crop.

MIXING

Add half the required volume of water to the spray tank and begin agitation. Add the recommended quantity of CLAYTON PROPEL PLUS. Agitate while topping up the tank and continue agitation until spraying is complete.

TANK CLEANING

Thoroughly wash all spraying and measuring equipment with water immediately after use.

To avoid subsequent injury to crops, all spraying equipment must be thoroughly cleaned both inside and out after an application of CLAYTON PROPEL PLUS.

1. Immediately after spraying, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. Rinse inside of tank with clean water and flush through booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.
3. Half fill tank with clean water. Agitate and then briefly flush the boom and hoses. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Flush the boom and hoses and drain tank completely.
4. Nozzles and filters should be cleaned separately and removed if necessary.
5. For disposal of washings, follow local regulations. Do not spray onto sensitive crop or land intended for cropping with sensitive crop.

Note: If it is not possible to drain the tank completely, step 3 must be repeated before going onto step 4.