

Barclay

CROP PROTECTION

Kerb Granules

A granule containing 4% w/w propyzamide

(MAPP 14213) (PCS 02955)

A residual weedkiller for the control of grasses and broad-leaved weeds in young forests and amenity plantings

Toxic to aquatic organisms.
May cause long term adverse effects to the aquatic environment.
Limited evidence of carcinogenic effect.

PROTECT FROM FROST

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 SUITABLE PROTECTIVE GLOVES when handling and applying the product. However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible)

Environmental protection:

Use appropriate containment to avoid environmental contamination.

Storage and disposal:

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY.
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
KEEP OUT OF REACH OF CHILDREN
The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

To avoid risks to man and the environment, comply with the instructions for use.



HARMFUL



DANGEROUS FOR THE ENVIRONMENT

THIS CAN WILL SPOT-TREAT 1000 TREES

IMPORTANT INFORMATION

FOR USE ONLY AS A FORESTRY/HORTICULTURAL HERBICIDE

See Statutory Area on attached leaflet for the following:
Crops/situations, Maximum individual dose, Maximum number of treatments.

PROFESSIONAL USE ONLY

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 Voluntary Initiative

This label is compliant with CPA Voluntary Initiative Guidance

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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.

IMPORTANT INFORMATION

FOR USE ONLY AS A FORESTRY/HORTICULTURAL HERBICIDE		
Crops/situations	Maximum individual dose	Maximum Number of Treatments
Amenity vegetation, Farm Forestry, Forest	3.8 grams product per m ²	One per year
PROFESSIONAL USE ONLY		
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 .		

SOIL AND WEATHER CONDITIONS

Soil types: Kerb Granules can be used on all soil types. However, in common with other residual herbicides, efficacy may be reduced on organic soils, in the presence of excessive organic debris or on ploughed-up turf.

Soil and weather conditions: Kerb Granules require moisture for root uptake. Best residual action is obtained in moist, cold soils. Kerb Granules can be applied in all weather conditions. Application on top of snow and to severely frozen ground is not recommended where run-off is likely to occur.

WEEDS CONTROLLED

Weed Species	Stage of Weed Growth	
	Young Weeds (Germinating to 2 leaf stage)	Established Weeds (from 2 leaf stage to fully grown)
Perennial and Annual Grasses		
Annual Meadow-grass	S	S
Beats	S	S
Cock's-foot	S	MR
Common Couch	S	S
Creeping Soft-grass	S	MS
Crested Dog's-tail	S	S
False Oat-grass	S	S
Fescues	S	S
Mat-grass	S	S
Meadow Foxtail	S	S
Purple Moor-grass	S	S
Rough Meadow-grass	S	S
Ryegrasses	S	S
Smooth Meadow-grass	S	S
Soft-brome	S	S
Sweet Vernal-grass	S	S
Timothy	S	S
Tufted Hair-grass	S	S
Wavy Hair-grass	S	S
Wood Small-reed	S	S
Yellow Oat-grass	S	S
Yorkshire-fog	S	S

S = Susceptible
MR = Moderately Resistant

MS = Moderately Susceptible
R = resistant

Weed Species	Stage of Weed Growth	
	Young Weeds (Germinating to 2 leaf stage)	Established Weeds (from 2 leaf stage to fully grown)
Perennial and annual broad leaved weeds		
Bittersweet	S	MS
Black-bindweed	S	MS
Black Nightshade	S	MS
Bracken	R	R
Bramble	R	R
Briars	R	R
Broad-leaved Dock	S	MS
Cleavers	S	R
Common Chickweed	S	S
Common Fumitory	MS	R
Creeping Buttercup	S	MS
Curled Dock	S	MS
Fat-hen	S	MS
Field Horsetail	S	MS
Foxglove	R	R
Heaths	R	R
Knotgrass	S	MS
Redshank	S	MS
Rosebay Willowherb	R	R
Sedges	MS	MS
Sheep's Sorrel	S	MS
Shepherd's-purse	MS	R
Small Nettle	S	MS
Speedwells	S	MS

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CROP SPECIFIC INFORMATION

Recommended Trees and Shrubs: Kerb Granules can be used around all trees and shrubs. Before treating new species or varieties on a large scale test treat a small batch initially to verify for one's self the tolerance of the species/variety to the treatment.

FOLLOWING CROPS

Following crops	Date Kerb Granules applied to previous crop	
	1st April - 31st July	1st August - 31st March
Lettuce	0 weeks	0 weeks
Field beans, broad beans, peas, chicory, radish, clover, lucerne	5 weeks	10 weeks
Brassicas, leeks, onions, parsley, parsnips, celery, oilseed rape, strawberries	10 weeks	25 weeks or plant/sow after 15th June whichever occurs sooner.
Cereals and grasses*	30 weeks	30 weeks
any other crop*	40 weeks	40 weeks

* treated land must be ploughed to a depth of 15cm prior to drilling a following cereal, grass or any other crop not listed above.

Stage of Growth

Forestry/Farm Forestry

Trees (excluding ornamentals): Kerb Granules are recommended for use on trees at any stage, either pre-planting or post-planting, provided that they have become established for at least 4 weeks by the earliest time of treatment i.e. 1st October.

Amenity Vegetation

Ornamental Trees and Shrubs: Kerb Granules are recommended for use on ornamental trees and shrubs which have been in their final position for at least one season and have become firmly established. When planting in the spring they may be treated in the following autumn (see 'When to Apply').

When to Apply

For best control, cool, moist soil conditions are required after application. In Southern counties of England and Wales and on peaty gleys and peat soils with a depth of organic matter greater than 10 cm (4in.), best control is usually achieved with application from 1st October, but no later than the end of January. In other areas, and on mineral soil, similar levels of control may be achieved with applications from 1st October, but no later than the end of February. Local conditions (e.g. altitude, north facing slopes, previous weather) may affect these timings. Should warm, dry conditions prevail after application, weed control may be reduced.

Dose Rate

3.8 grams per square metre around each tree = 38 kg per treated hectare.

How to Apply

The following Applicators are suitable. Ensure even application.

Horstine Farmery Motorised Knapsack Applicator. Treemate, Stihl SG 17 Knapsack Mistblower (fitted with a conversion kit for the application of Granules).

Huntley Applicator. Pepper pot applicators may be used but special care must be taken to ensure even distribution of the Granules.

COMPANY ADVISORY INFORMATION

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

Safety Data Sheet

This is available from your local distributor or direct from Barclay Chemicals Manufacturing Limited (www.barclay.ie)