



Kerb Granules

A residual weedkiller for the control of grasses and broad-leaved weeds in young forests tree and shrub amenity plantings and in the production of certain woody ornamentals.

Warning

H351 Suspected of causing cancer.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P501 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.

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



MAPP 14213

A granule containing
4% w/w propyzamide

IMPORTANT INFORMATION

**FOR USE ONLY AS A FORESTRY/
HORTICULTURAL HERBICIDE**

See Direction for Use on attached leaflet for the following: Safety Precautions, Maximum individual dose of product, Maximum total dose, Latest time of application and Other specific restrictions.

**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.**

PROTECT FROM FROST

THIS CAN WILL SPOT-TREAT 1000 TREES

IMPORTANT INFORMATION

FOR USE ONLY AS A FORESTRY/HORTICULTURAL HERBICIDE

| Crops/situations | Maximum individual dose | Maximum Number of Treatments |
|---|--------------------------------------|------------------------------|
| Amenity vegetation, Farm Forestry, Forest, ornamental plant production (around) | 3.8 grams product per m ² | One per year |

PROFESSIONAL USE ONLY

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Kerb is a trade name of Dow Agrosciences Ltd.



This label is
compliant
with CPA
Voluntary
Initiative
Guidance

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:

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.

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

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

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, ornamental plant production (around) - see 'Other specific restrictions' | 3.8 grams product per m ² | One per year |
| Other Specific Restrictions: Use in ornamental plant production is restricted to application to around Christmas trees (Listed species only) | | |
| 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 and treatable species

Forestry/Farm Forestry and forest nurseries

Trees (excluding ornamentals): Kerb Granules are recommended for use on trees at any stage, post-planting provided that they have become established for at least 4 weeks by the earliest time of treatment i.e. 1st October. If required, land to be planted with well-grown trees (not nursery transplants) may be treated before planting the trees in their final positions.

KERB GRANULES may be used amongst the following species:

| | | |
|----------------|----------------|----------------|
| Alder | Larch | Scots Pine |
| Beech | Lawson Cypress | Sitka Spruce |
| Birch | Lodgepole Pine | Southern Beech |
| Bishop Pine | Monterey Pine | Sycamore |
| Blue Spruce | Noble Fir | Wild Cherry |
| Corsican Pine | Nordmann Fir | |
| Douglas Fir | Norway Spruce | |
| Fraser Fir | Oak | |
| Grand Fir | Poplar | |
| Horse Chestnut | | |

Amenity trees and shrubs

KERB GRANULES may be used amongst the following species provided that they have been planted in their final position for at least one season and have become firmly established. When planted in the spring they may be treated in the following autumn (see When to

Apply):

Berberis darwinii
Buddleia davidii
Chamaecyparis spp (False Cypress)
Cotoneaster spp.
Crataegus spp (Hawthorns)
Fagus sylvatica (Beech)
Forsythia x intermedia
Ilex aquifolium (Holly)
Larix decidua (Larch)
Philadelphus spp (Mock Orange)
Picea spp (Spruces)
Pinus spp (Pines)
Prunus glandulosa
Quercus spp (Oak)
Rosa spp (Roses including Rose rootstocks)
Spiraea x bumalda 'Froebelii'
Syringa vulgaris (Lilac)
Taxus baccata (Yew)
Thuja orientalis 'Rosedalis'

Ornamental plant production (Restricted to use around listed Christmas tree species only)

KERB GRANULES may be used amongst Christmas trees (*Picea abies*). Other species that are grown for Christmas tree production may be treated provided the species is included within one of the lists above under FORESTRY, FARM FORESTRY AND FOREST NURSERIES or AMENITY TREES AND SHRUBS.

The subject plants must have been in their final position for at least one season and have become firmly established. When planted 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)