



VYDATE[®] 10G

MAPP 16595
PCS No. 03698

A granule containing 10% w/w oxamyl for the suppression of nematodes in potatoes, beet, carrots and parsnips.

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

Risk and Safety Information

VYDATE[®] 10G

Insecticide / Nematicide containing 10% w/w oxamyl

DANGER



Fatal if swallowed

Toxic if inhaled

Harmful to aquatic life with long lasting effects.

Avoid breathing dust.

Wash hands and face thoroughly after handling.

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

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON Centre or doctor/physician.

Specific treatment (see first aid measures on this label).

Rinse mouth.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container by returning container to the supplier

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).

To avoid risks to human health and the environment, comply with the instructions for use

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SAFETY PRECAUTIONS

Operator protection

Oxamyl is an anticholinesterase carbamate compound. DO NOT USE if under medical advice NOT to work with such compounds

DO NOT APPLY via hand-held equipment

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

| | | |
|-----|---|--|
| (a) | Opening container, coupling to applicator, adjusting applicator and dealing with spillages. | Suitable protective clothing (coveralls), suitable protective gauntlet gloves and either face protection (faceshield) or suitable respiratory protective equipment and eye protection (goggles). |
| (b) | Cleansing applicator after use. | Suitable protective clothing (coveralls, apron), suitable protective gloves, rubber boots and face protection (faceshield). |
| (c) | During granule placement by tractor drawn / mounted applicator | Suitable protective clothing (coveralls). |

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection (UK only)

Operators must wear suitable protective gloves when handling the product and contaminated surfaces.

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

TAKE OFF IMMEDIATELY heavily contaminated clothing.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH DUST from skin or eyes immediately

AVOID ALL CONTACT BY MOUTH

DO NOT BREATHE DUST

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

IN CASE OF ACCIDENT or if you feel unwell seek medical advice (show the label where possible)

SYMPTOMS OF POISONING

These may include excessive sweating, headache, weakness, faintness and giddiness, nausea, stomach pains, vomiting, tightness of the chest, small pupils, blurred vision, muscle twitching.

FIRST AID

If any of the above symptoms occur, particularly if there is known contamination:

STOP WORK. Remove contaminated clothing. Wash exposed skin and hair.

Prevent all exertion. Call Doctor AT ONCE and show him this label.

GUIDE TO DOCTOR

This product contains an anticholinesterase carbamate compound.

Specific treatment:

1. IN ALL CASES OF MODERATE AND SEVERE POISONING AND AS EARLY AS POSSIBLE inject atropine sulphate 2 mg or pro rata for children and repeat if necessary to maintain full atropinisation.
2. DO NOT USE Pralidoxime.

Other measures:

1. Keep airway clear.
2. Watch respiration - intubation with endotracheal tube or tracheotomy may be necessary in conjunction with artificial ventilation.
3. Put patient at complete rest in hospital for 24 hours at least.

Confirmation of Diagnosis

Estimation of cholinesterase activity may be misleading unless special procedures are used to prevent reactivation.

Further advice from:

Du Pont (UK) Limited
Crop Protection Products
4th floor, Kings Court, London Road, Stevenage, Herts SG1 2NG
UK Tel 01438 734450 or enquiry.agproducts@dupont.com
IRL Tel 00 44 1438 734450

DuPont Emergency Contact number

UK: 0870 820 0418 or

IRL : 01 901 4670

National Poisons Information Centres

UK : 111 (England and Wales). 08454 24 24 24 (Scotland)

IRL : 01 837 9964 or 01 809 2166

Environmental protection

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

DANGEROUS TO GAME, WILD BIRDS AND ANIMALS. Precautions must be taken to protect them from harm and spillages must be buried or removed.

Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS

KEEP OUT OF REACH OF CHILDREN

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

EMPTY CONTAINER COMPLETELY and return to the supplier

DO NOT RE-USE CONTAINER for any other purpose



This label is compliant with the CPA Voluntary Initiative Guidance (UK only)

Label ref. Vydate 10G UKIRL/1215/B

Contents: 15 kg e
Batch N° XXXX

Manufactured in the EU

For Professional Use ONLY

IMPORTANT INFORMATION

Field of Use: FOR USE ONLY AS A PROFESSIONAL NEMATOCIDE

| Crop | Max Individual Dose | Max No of Treatments (per crop) | Latest Time of Application | Pre Harvest Interval |
|------------------------------|----------------------------|--|-----------------------------------|-----------------------------|
| Broadcast Potatoes | 55 kg /ha | One | At planting | 80 days* |
| In furrow Potatoes | 0.21 kg / 100 row | One | At planting | 80 days* |
| Sugar beet, Fodder beet | 0.03 kg/100m row | One | At drilling | |
| Carrots, Parsnips | 0.09 kg/100m row | One | At drilling | |

* See Directions for use

Other Specific Restrictions

Return empty container to the supplier.

Users must follow and comply with the Stewardship Scheme developed by the Authorisation Holder. Contact Du Pont (Ltd) for further details.

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.

Do not apply by hand-held equipment.

Environmental protection

To protect birds and mammals the product must be entirely incorporated in the soil and it must be ensured that the product is fully incorporated at the end of rows. Remove spillages.

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

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.

RESTRICTIONS

- On potatoes, a minimum interval of 80 days must elapse between application and initial haulm destruction and/or harvest, whichever comes first. Refer to dose section.
- Banded application of products in the potato ridge which may cause local acidification in the ridge should be avoided. Such materials include ammonium sulphate based fertilisers, liquid fertilisers and sulphur containing treatments.
- Crop rotation: No plot should receive more than one application of Vydate 10G or of another product containing the active ingredient oxamyl (subsequent to Vydate 10G use) in any three successive years (IRL only)
- Do not apply Vydate 10G if there is a significant risk of causing pollution to a water body. When deciding on the level of risk, the proximity to water bodies, soil condition and weather forecast must be considered.
- In the event of crop failure, a period of at least 80 days must be observed prior to planting of succeeding crops following a treatment of the plot with Vydate 10G or any other product containing the active substance oxamyl.

PEST CONTROL

VYDATE 10G is a soil applied nematicide used for the suppression of various nematodes in potatoes, sugar beet, carrots and parsnips. VYDATE 10G may be applied on all soil types, but its activity may be decreased on shell marl soils with greater than 60% calcium carbonate content. Care should be taken to ensure a good seedbed before application and incorporation.

CROPS

POTATOES

VYDATE 10G is effective against both species of Potato Cyst Nematode (PCN) *Globodera rostochiensis* and *Globodera pallida* and **for the reduction of Spraing symptoms resulting from Tobacco Rattle Virus (TRV) transmitted by species of Free-Living Nematode (FLN). However, in some soils with high organic matter, control of *Globodera pallida* may be less effective. All commonly grown varieties may be treated.**

PCN USE

The application of VYDATE 10G is recommended where PCN is reducing the cropping potential and where planting potatoes without treatment could result in a

significant increase in nematode numbers. Control will be reduced if pre-planting egg counts indicate a very high level of infestation. Please contact DuPont or supplier for advice on soil sampling, egg counts and variety choice.

VYDATE 10G should be applied evenly and accurately to well cultivated soil during the course of final seed-bed preparations immediately prior to planting. Settings for appropriate application machinery are given in a separate calibration leaflet. These settings are intended only as a guide; it is essential that each machine is individually calibrated with VYDATE 10G in the field prior to application.

Immediately after the application of VYDATE 10G, the granules should be thoroughly and evenly incorporated to an appropriate depth to ensure granules are above and below the seed tuber.

The use of stone and clod separation equipment to incorporate VYDATE 10G can result in poor control of nematodes due to dilution or banding of the product in soil. Extra care must therefore be taken to ensure even distribution of VYDATE 10G in the soil when mechanical stone separation equipment is used. Further details on application, machinery calibration and incorporation can be obtained from DuPont.

DOSE

The maximum rate of Vydate 10G on potatoes is 55 kg/ha

Short Duration crops (e.g. 'earlies', salad and punnet crops)

A rate of 40 kg/ha has proved effective at managing PCN for the shorter growth period associated with these crops. For crops grown with a soil pH at or below 6.0, or under abnormally cold or dry conditions, growers are advised to conduct a residue test to ensure the Maximum Residue Level (MRL) is not exceeded. Growers should contact their processor for details on sampling.

Longer Duration crops (e.g. second 'earlies', maincrop)

For crops such as second 'earlies' or maincrop which will have a longer growth period and pest exposure, VYDATE10G should be applied at rates of 40 - 55kg/ha. The higher rate offers the most reliable control on PCN especially on soils infested with *Globodera pallida*.

| Potato cyst nematode infestation | Soil type | Rate of Vydate |
|--|---|----------------|
| Any level | Sands | 40 kg/ha |
| Low (less than 10 eggs per gram of soil) | Very light, Light, Medium and Organic or Peat soils | 45-55 kg/ha |
| Moderate-High (10 or more eggs per gram of soil) | All soil types except sands | 55 kg/ha |

In Furrow Use

VYDATE 10G provides a reduction in the symptoms of Spraing resulting from Tobacco Rattle Virus (TRV) transmitted by species of Free-Living Nematode (FLN). There is a risk that treated crops may still show symptoms of Spraing and could be rejected by the processor. Potato varieties vary in terms of their susceptibility to express the symptoms of Spraing. This should be taken into account when choosing to plant fields that are considered at risk from Spraing.

VYDATE 10G should be applied in a band below the planted tubers at a rate of 0.21 kg/100m row. Further details on application, machinery calibration and incorporation can be obtained from DuPont.

SUGAR AND FODDER BEET

VYDATE 10G may be used to suppress free-living nematodes causing Docking Disorder.

Apply the granules at 0.03 kg/100m row in the seed furrow at drilling to a minimum depth of 2.5cm. Settings for appropriate application machinery are given in a separate calibration leaflet.

CARROTS AND PARSNIPS

VYDATE 10G can be used for the suppression of plant parasitic nematodes and for the reduction of fanging caused by nematodes.

Apply the granules at 0.09 kg/100m row.at drilling using a conventional granule applicator to a minimum depth of 2.5cm. Do not apply later than 12 weeks before harvest.

Ecolite™ REFILLABLE CLOSED HANDLING SYSTEM

HANDLING PRECAUTIONS

- OPEN THE CONTAINER ONLY AS DIRECTED
- DO NOT RE-USE THE CONTAINER FOR ANY OTHER PURPOSE
- KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place
- DO NOT RINSE OUT THE CONTAINER
- RETURN EMPTY CONTAINER AND PALLET TOP TO DISTRIBUTOR
- Do not use if the two tamper evident tabs on the green ring that hold the valve safety cap in place are missing, or if the RED tamper evident seal is broken.
- This container should only be used in conjunction with a hopper lid designed for use with this container.
- Empty containers must be handled, transported and stored as if they contain a pesticide.
- Check for leaks before transportation. Do not transport damaged or leaking containers

This container must only be filled with VYDATE 10G. Refillable only by DuPont

OPERATING INSTRUCTIONS

1. Pull the two tear-off tabs on the green ring to free the valve safety cap. Remove the safety caps from the valve and applicator hopper. THE RED SEAL SHOULD NOT BE BROKEN.
2. Invert the container and fit the container valve on to the applicator hopper and secure.

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3. Rotate the container ANTI-CLOCKWISE to start the flow of the product
4. Rotate the container CLOCKWISE to close the valve when empty or at any time to stop the flow of the product.
5. Store any partially or completely empty container in the pesticide store. Empty container should be kept in store until returned to DuPont for re-filling.
6. The plastic pallet top is used to stabilise the containers on the pallet, and should be returned along with the containers.

NOTICE TO BUYER

All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, 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 for any damage or injury whatsoever arising from their storage, handling, application or use.

Safety Data Sheet

[insert QR code and wording]

To access the Safety Data Sheet for this product scan the code