

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
PCS No. 03698

Control 1
Control 2

CORTEVA
Agriscience



GROUP 1A INSECTICIDE

PCS No. 03698
RETURNABLE CONTAINER -
RETURN TO YOUR DISTRIBUTOR
DO NOT RINSE OUT CONTAINER
OR RE-USE FOR ANY OTHER PURPOSE



Manufactured in the E.U.

Further advice from:
Corteva Agriscience UK Limited
CPC2 Capital Park, Fulbourn, Cambridge, CB21 5XE
IRL: 00 44 800 689 8899
Or Email: ukhotline@corveva.com

Corteva Emergency Contact number
IRL: 00 353 76 680 5288

National Poisons Information Centres
IRL: 01 837 9964 or 01 809 2166

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To access the Safety Data Sheet
for this product scan the code,
visit www.corveva.co.uk
or alternatively contact
your supplier



3 576960 039024

NET: 15 KG e

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

IMPORTANT INFORMATION
FOR USE ONLY AS A PROFESSIONAL NEMATICIDE

Crop	Max Individual Dose	Max No of Treatments (per crop)	Latest Tim 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	

* refer to 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 Corteva Agriscience 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

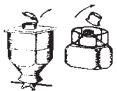

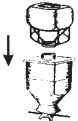
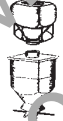

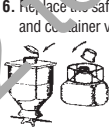
To protect birds and mammals the product must be entirely incorporated in the soil and it must be ensured that the product is fully incorporated at the end of rows. Remove spillages.

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

Lot No.:

K-49016/2207 -IRELAND

OPERATING INSTRUCTIONS

 <p>1. Break the GREEN seal and remove the safety caps from the valve and applicator hopper. THE RED RIVETS SHOULD NOT BE BROKEN.</p>	 <p>4. Rotate the container clockwise to close the valve when empty or at any time to stop the flow of the product.</p>
 <p>2. Invert the container and fit the container valve on the applicator hopper and secure.</p>	 <p>5. Remove the container from the applicator hopper.</p>
 <p>3. Rotate the container anticlockwise to start the flow of the product.</p>	 <p>6. Replace the safety caps on the applicator hopper and container valve.</p> <p>7. Store any partially or completely empty containers in the pesticide store. Empty containers should be kept in the pesticide store until collected by your supplier for refilling.</p>

CONTAINER 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 ■ RETURN EMPTY CONTAINER AND PALLET TOP TO DISTRIBUTOR ■ DO NOT RINSE OUT THE CONTAINER ■ 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. Empty containers must be handled, transported and stored as if they contain a pesticide.

This container must only be filled with VYDATE® 10 G
Refillable only by Corteva Agriscience

Prior to refilling inspect thoroughly for damage such as cracks, punctures, abrasions or damage on closure devices. Do not refill or transport damaged or leaking containers. Check for leaks after refilling and before transportation.

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).

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 1mg pro rata for children and repeat if necessary to maintain full atropinisation.
2. DO NOT USE Pilocarpine.

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:

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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.

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. 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.
- 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, on some soils with high organic matter, control of *Globodera pallida* may be less effective. All commonly grown varieties may be treated.

APPLICATION

VYDATE 10G should be applied evenly and accurately to well cultivated soil during the course of final seed-bed preparation, 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 Corteva Agriscience.

CROP SAFETY

All commonly grown varieties may be treated.

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, growers are advised to conduct a residue test to ensure the Maximum Residue Level (MRL) is not exceeded.

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 Corteva Agriscience.

SUGAR AND FODDER BEET

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

CROP SAFETY

All commonly grown varieties may be treated.

APPLICATION

Apply the granules 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.

DOSE

Apply VYDATE 10G at 0.03kg/100m row.

CARROTS AND PARSNIPS

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

CROP SAFETY

All commonly grown varieties may be treated.

APPLICATION

Apply the granules at drilling using a conventional granule applicator to a minimum depth of 2.5cm. Do not apply later than 10 weeks before harvest.

DOSE

Apply VYDATE 10G at 0.03kg/100m row.

TRADEMARK ACKNOWLEDGEMENTS

Vydate is a trademark of Corteva Agriscience and its affiliated companies.

All other brand names are trademarks of other manufacturers for which proprietary rights may exist.

Corteva Agriscience Conditions of Supply

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use, or the weather conditions before, during or 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. No responsibility will be accepted by us or re-sellers 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.

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL NEMATOCIDE

Crop	Max Individual Dose	Max No of Treatments (per crop)	Latest Tim of Application	Pre Harvest Interval
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* refer to Directions for use

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Environmental protection

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