

Lentagran®

WP

 Contents: **1kg** e

A contact herbicide for selective use in cabbages, Brussels sprout and bulb onions.

Wettable powder (WP) formulation containing 45 % w/w pyridate.

**FOR USE ONLY AS AN AGRICULTURAL HERBICIDE.
FOR PROFESSIONAL USE ONLY**

Production date / Batch number: see packaging

Important Information FOR USE ONLY AS AN AGRICULTURAL HERBICIDE			
Crops	Maximum individual dose (kg product per hectare)	Maximum total dose (kg product /ha/crop)	Latest time of application
CABBAGE	2	2	Before 6 leaf stage
BRUSSELS SPROUT	2	2	Before 6 leaf stage
BULB ONION	2	2	Before 7 leaf stage
Specific weeds controlled: Black nightshade, cleavers, fat hen.			
To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.			
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.			

RISK AND SAFETY INFORMATION

Lentagran® WP - Wettable powder (WP) containing 45% w/w pyridate.



**May cause an allergic skin reaction.
Very toxic to aquatic life with long lasting effects.**

Contaminated work clothing should not be allowed out of the workplace.
 Avoid release to the environment.
 Wear protective gloves, protective clothing and eye protection.
 IF ON SKIN: Wash with soap and water.
 If skin irritation or a rash occurs: Get medical advice/attention.
 Collect spillage.
 Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for empty clean triple-rinsed containers which can be disposed of as non-hazardous waste.

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 N° 05580

24-hour emergency number: 0032 14 58 45 45

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DO NOT OPEN WATER SOLUBLE BAG

DO NOT TOUCH WITH WET HANDS OR GLOVES

DO NOT STORE HALF BAGS OR DAMAGED BAGS. USE IMMEDIATELY

PROTECT FROM FROST

UN 3077

Distributed by:
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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 contaminated surfaces.
- WASH CONCENTRATE from skin or eyes immediately.
- WASH HANDS AND EXPOSED SKIN before meals and after work.
- WHEN USING DO NOT EAT, DRINK OR SMOKE.

Environmental protection

- Do not contaminate water with the product or its container. Do not clean application equipment near surface water and avoid contamination via drains from farmyards and roads.
- Extreme care must be taken to avoid spray drift onto non-crop plants outside the target area.
- To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

Storage and disposal

- KEEP OUT OF REACH OF CHILDREN.
- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.
- KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

Water-soluble bag precautions and labelling

- DO NOT TOUCH WATER SOLUBLE BAG WITH WET HANDS OR GLOVES.
- PLACE WHOLE BAG DIRECTLY INTO SPRAY TANK.
- DO NOT STORE HALF BAGS OR DAMAGED BAGS.
- USE IMMEDIATELY.
- ENSURE ALL OTHER LABEL INSTRUCTIONS ARE FOLLOWED.

Storage

LENTAGRAN WP should be stored for at least 24 hours at room temperature (18-20°C) before use.

Restrictions:

- Apply only on dry crops
- The temperature of the diluted spray solution and air should be above 10°C at spraying
- Overdosing (spray boom overlap) and spray drift should be avoided

Anti-resistance strategy

Weed control may be reduced if resistant strains develop to pyridate. To prevent the development of resistance, Lentagran WP should not be used continuously or as the sole method of control. Consideration should be given to alternation of products having a different mode of action (from a different chemical HRAC group) with satisfactory efficacy against the targeted pest. Pyridate is classified as belonging to HRAC Group C3.

FOLLOWING CROPS

There is no restriction on following crops after application of LENTAGRAN WP, even in crop failure situations. Soil cultivation is not necessary.

DIRECTIONS FOR USE

LENTAGRAN WP is a contact herbicide with no residual activity. Application should be made when all weeds have emerged, provided that the crop is within the correct stage of growth and not under stress. Best results are obtained from a fine spray applied whilst the weeds are small and actively growing and before the crop forms a canopy of foliage over the weeds. When the crop canopy is protecting the weeds, spray volume should be increased.

Weeds Controlled

LENTAGRAN WP can be used to control the following weeds: black nightshade, cleavers and fat hen. For optimum control the weeds should be treated at the cotyledon to 4 leaf stage and when the ambient daytime temperature is above 10°C. Do not apply during periods when night temperatures are consistently below 2°C or when day temperatures exceed 18°C.

Application

Cabbage and Brussels Sprouts

Timing: Apply LENTAGRAN WP once the crop has 4 fully expanded leaves. If the crop is transplanted allow 2 weeks after planting for plants to establish. Applications should be made before the 6 leaf stage (GS 16 BBCH).

A crystal violet test should be carried out to ensure the leaves have a good wax layer before applying LENTAGRAN WP. There may be some yellowing of the older leaves but this effect is no longer visible after 8 weeks and has no influence on yield or time of harvest.

Do not apply LENTAGRAN WP in mixture with any product

that can cause de-waxing of the crop leaves.

Do not apply LENTAGRAN WP within 14 days of any product that causes de-waxing of the crop leaves.

Optimum weed control will result if LENTAGRAN WP is applied when all the weeds have emerged.

In view of the wide range of cabbage cultivars available, it is recommended that selectivity trials are conducted locally before applying LENTAGRAN WP, especially on varieties that are newly introduced. Under unfavourable conditions LENTAGRAN WP may lead to crop damage when applied at 2-4 leaf stage (cabbage) especially when the crop is not sufficiently rooted after transplantation. The latest application timing is before the 6 leaf stage.

Dose: Apply LENTAGRAN WP at 2 kg/ha.

Bulb onion

Timing: A single application of LENTAGRAN WP should be applied from when the crop has 4 leaves.

If the crop is transplanted allow 2 weeks after planting for plants to establish.

Do not apply LENTAGRAN WP in mixture with any product that can cause de-waxing of the crop leaves.

Do not apply LENTAGRAN WP within 14 days of any product that causes de-waxing of the crop leaves.

Optimum weed control will result if LENTAGRAN WP is applied when all the weeds have emerged.

A crystal violet test should be carried out to ensure the leaves have a good wax layer before applying LENTAGRAN WP.

There may be some yellowing of the older leaves, but this effect is no longer visible after 8 weeks and has no influence on yield or time of harvest.

Dose: Apply LENTAGRAN WP at 2 kg/ha.

PREPARATION OF THE SPRAY SOLUTION

LENTAGRAN WP should not be creamed in a bucket but added directly to the spray tank. Half fill the spray tank with clean water and begin agitation. Add the required number of water-soluble bags to the tank and complete filling.

Continue agitation until spraying is completed. Thoroughly wash all spray equipment with water and a wetting agent immediately after use.

Water volume

Apply in no less than 200 litres water per hectare up to 400 litres of water per hectare at a minimum pressure of 2 bar as good spray coverage is essential for effective weed control.

Spray Nozzles

A FINE quality spray (as defined by BCPC) is preferred for application of LENTAGRAN WP. Choice of nozzle is determined by consulting manufacturer's literature and selecting a nozzle that produces a fine quality spray at an output consistent with the nozzle spacing on the boom, chosen forward speed, required spray volume and operating in the range 2-3 bar.

WARRANTY: The seller makes no warranty, expressed or implied, concerning the use of the product other than indicated on the label. The purchaser and user shall assume all risk associated with the use and/or handling and/or storage of the product if this use and/or handling and/or storage are carried out contrary to label instructions.

DAMAGES: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damage not exceeding the purchase price of the product, and shall not include incidental or consequential damages.

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



WEBLINK to specific data sheet on manufacturer's website:

http://www.belchim.co.uk/pdf/MSDS/Lentagran_MSDS-IE.pdf

Alternatively, contact your supplier.