

# Lentagran®

WP

Contents: **1 kg e**

## A contact herbicide for selective use in outdoor Brussels sprout, cabbage (red, savoy and white) and bulb onion.

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

**FOR USE ONLY AS A PROFESSIONAL HERBICIDE**

MAPP No.: 19474

GROUP	C3	HERBICIDE
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Production date / Batch number: see packaging

**PROTECT FROM FROST  
STORE IN A COOL AND DRY PLACE**

Important Information FOR USE ONLY AS A PROFESSIONAL HERBICIDE			
Crops	Maximum individual dose (kg product per hectare)	Maximum total dose (kg product/ha/crop)	Latest time of application
BRUSSELS SPROUT (OUTDOOR)	2 Applications must only be made in June (see Other Specific Restriction 2)	2 Applications must only be made in June (see Other Specific Restriction 2)	Before 6 leaf stage
CABBAGE (OUTDOOR)	2 Applications must only be made in June (see Other Specific Restriction 2)	2 Applications must only be made in June (see Other Specific Restriction 2)	Before 6 leaf stage
BULB ONION (OUTDOOR)	2	2	Before 7 leaf stage

**Other specific restrictions:**

- Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.
- Lentagran WP must only be applied to the specified crops during June.

**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.**

### LENTAGRAN® WP

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

UFI: 4YJ0-W0T1-W00A-29QN

## WARNING



- H317** May cause an allergic skin reaction  
**H410** Very toxic to aquatic life with long lasting effects  
**P272** Contaminated work clothing should not be allowed out of the workplace  
**P273** Avoid release to the environment  
**P280** Wear protective gloves/protective clothing  
**P302+P352** IF ON SKIN: Wash with soap and water  
**P333+P313** If skin irritation or a rash occurs: Get medical advice/attention  
**P391** Collect spillage  
**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.  
**SP1** 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.  
**EUH401** To avoid risks to human health and the environment, comply with the instructions for use.

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



This label is compliant with the CPA Voluntary Initiative Guidance.

**24-hour emergency number:  
0032 14 58 45 45**

**UN 3077**

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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 water-soluble bags.

However, engineering controls may replace personal, protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

- 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

- To protect aquatic organisms respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements.
- DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application.
- DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1m of the top of the bank of a static or flowing waterbody. Aim spray away from water.
- This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be observed. The results of the LERAP must be recorded and kept available for inspection for three years.
- 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.

### 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 OPEN WATER SOLUBLE BAG
- 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

### 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.**

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.

### 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 weed 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.

### 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

### 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.

### Qualified Minor Use Recommendation

Limited evidence suggests that control of the following weed species can also be expected, when they are treated in the early seedling stages (cotyledon – 2 leaf): Common chickweed, red dead-nettle, henbit dead-nettle, scarlet pimpernel, common fumitory, prickly sowthistle, smooth sowthistle and common amaranth.

## Application

### Cabbage and Brussels Sprout

**Timing:** Apply in June only. 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 or within 14 days of any other pesticides or product which may result in de-waxing of the crop.

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 a maximum individual dose rate of 2 kg/ha. Apply LENTAGRAN WP at a maximum total dose rate of 2 kg/ha/crop.

### Bulb onion

**Timing:** Applications can commence once 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 or within 14 days of any other pesticides or product which may result in de-waxing of the crop. 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 a maximum individual dose rate of 2 kg/ha. Apply LENTAGRAN WP at a maximum total dose rate of 2 kg/ha/crop.

### 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. Ensure the water soluble bags are completely dissolved (5-10 minutes, depending on the water temperature) before application starts. Continue agitation until spraying is completed. The temperature of the diluted spray solution and air should be above 10°C whilst spraying.

Thoroughly wash all spray equipment with water and a wetting agent immediately after use.

### Water volume

Apply in a water volume of 200 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.

### FOLLOWING CROPS

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

**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:

[www.belchim.co.uk/pdf/MSDS/Lentagran\\_MSDS.pdf](http://www.belchim.co.uk/pdf/MSDS/Lentagran_MSDS.pdf)

Alternatively, contact your supplier.