



Lentagran[®] WP

Version and date: Version 6 Spring 2015

Changes since last version: CLP compliant label

FORMULATION AND ACTIVE INGREDIENT: A contact herbicide for selective use in cabbage, Brussels sprout and bulb onion. Wettable powder (WP) formulation containing 45% w/w pyridate.

CONTENTS: 1kg e

PCS No: 03082



UN: 3077



**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**

FOR PROFESSIONAL USE ONLY

IMPORTANT INFORMATION FOR USE AS AN AGRICULTURAL HERBICIDE				
Crops	Maximum individual dose (kg product per hectare)	Maximum number of applications at maximum single dose	Maximum total dose (kg product/ha/crop)	Latest time of application
CABBAGE	2	1	2	Before 6 leaf stage
BRUSSELS SPROUT	2	1	2	Before 6 leaf stage
BULB ONION	2	1	2	Before 7 leaf stage
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	A wettable powder (WP) formulation containing 45% w/w pyridate
<p data-bbox="252 280 352 309">Warning</p>  		<p data-bbox="815 280 1337 360">May cause an allergic skin reaction. Very toxic to the aquatic life with long lasting effects.</p> <p data-bbox="815 394 1318 719">Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing. 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 waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.</p> <p data-bbox="815 752 1331 860">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.</p> <p data-bbox="815 891 1305 972">To avoid risks to human health and the environment, comply with the instructions for use.</p>

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.

Storage and disposal

- KEEP OUT OF REACH OF CHILDREN.
- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
- 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 Sprout

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 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 weeds have emerged.

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

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Dose : Apply LENTAGRAN WP at 2kg /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 spraying equipment with water and a wetting agent immediately after use.

Water volume

Apply in no less than 325 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 the direct damage not exceeding the purchase price of the product, and shall not include incidental or consequential damages.

TECHNICAL ENQUIRIES:	01 4688900
24 HOUR EMERGENCY NUMBER:	0032 14 58 45 45

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