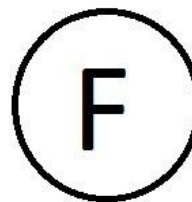


**VALBON®**  
**MAPP 14868/PCS No.03411**

A water dispersible granule (WG) formulation containing 17.5 g/kg (1.75% w/w) benthialdicarb-isopropyl and 700 g/kg (70% w/w) mancozeb for the control of late blight (*Phytophthora infestans*) in all crops (early, main and seed) of potatoes



- Potatoes

9.6 kg e

Batch No.:

THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK– UK only

### **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 CLOTHING(COVERALLS), SUITABLE PROTECTIVE GLOVES AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT\* when handling the product.

\*Disposable filtering facepiece respirator to at least EN149 FFP2 or equivalent.

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

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

#### **Environmental protection**

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 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 Environmental Risk Assessment of Pesticides (LERAP) permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application – UK only. Aim spray away from water.

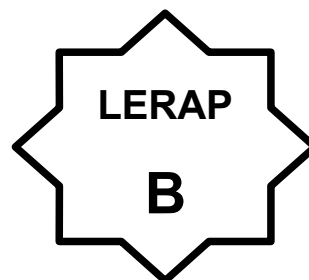
1. Since there is a risk to aquatic life from use, users not applying the statutory buffer zone must either themselves carry out or ensure that someone else has carried out a Local Environment Risk Assessment for Pesticides (LERAP) on their behalf before each spraying operation from a horizontal boom sprayer. Users must not allow direct spray from such sprayers to fall within 5m of the top of the bank of any static or flowing waterbody or within 1m of a ditch which is dry at the time of application (these distances to be measured as set out in CRD's booklet 'Local Environment Risk Assessment for Pesticides – Horizontal Boom Sprayers' and any amendments that are made to it) unless:

- (a) The LERAP indicates that a narrower buffer zone will be sufficient; and
- (b) Any measures indicated by the LERAP as justifying the narrower buffer zone are complied with in full and in accordance with any conditions applicable to them.

Spray must be aimed away from water

2. The results of the LERAP must be recorded in written form and must be available for a period of three years for inspection to any person entitled to exercise enforcement powers under or in connection with the Food and Environment Protection Act 1985 (as amended). (An electronic record will satisfy the requirement for a written record, providing it is similarly available for inspection and can be copied).

3. Detailed guidance on LERAPs and how to conduct a LERAP are contained in the CRD booklet 'Local Environment Risk Assessment for Pesticides – Horizontal Boom Sprayers' (Ref: PB5621) available from DEFRA Publications, Admail 6000, London.SW1A 2XX: Tel. 08459 556000.



All LERAPs must be carried out in accordance with this guidance and any amendments that are made to it.

Users must not allow direct spray from horizontal boom sprayers to fall within 5m of the top of the bank of any static or flowing waterbody or within 1m of a ditch which is dry at the time of application.

Spray must be aimed away from water.

**RISK TO NON-TARGET INSECTS OR OTHER ARTHROPODS.** For advice on risk management see directions for use.

**Storage and disposal**

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

EMPTY CONTAINER COMPLETELY and dispose of safely.

PROTECT FROM FROST

**IMPORTANT INFORMATION**

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop:	Potato
Maximum individual dose:	1.6kg/ha
Maximum number of treatments per crop:	6 per crop
Latest time of application:	7 days before harvest

Other specific restrictions: A minimum interval of 7 days must be observed between applications. This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme - UK only. 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 maintained. The results of the LERAP must be recorded and kept available for three years.

**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

### VALBON

A water dispersible granule (WG) formulation containing 17.5g/kg (1.75% w/w) bentiavalicarbisopropyl and 700g/kg (70% w/w) mancozeb



## WARNING

**MAY CAUSE AN ALLERGIC SKIN REACTION**

**SUSPECTED OF CAUSING CANCER**

**SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD**

**VERY TOXIC TO AQUATIC LIFE**

If medical advice is needed, have product container or label at hand.

Read label before use.

Do not breathe spray.

Avoid contact during pregnancy/while nursing.

Avoid release to the environment.

Use personal protective equipment as required.

IF exposed or concerned: Get medical advice/attention.

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.

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

MAPP 14868 PCS 03411

This label is compliant with CPA voluntary initiative guidance – UK only

Marketed by:

**CERTIS**



Suite 5, 1 Riverside, Granta Park, Great Abington, Cambridgeshire, CB21 6AD

Tel: 0044 (0)845 373 0305 Fax: 0044 (0)1223 891210

E-mail: [certis@certiseurope.co.uk](mailto:certis@certiseurope.co.uk)

**For technical and non-emergency calls – phone 0044 (0)1223 894261 For advice on medical emergencies, fires, spillages or chemical hazards**

**ONLY – phone 0870 190 6777**

**Approval Holder:** Certis Europe BV, Suite 5, 1 Riverside, Granta Park, Great Abington, Cambridgeshire, CB21 6AD

® Valbon is a registered trademark of Kumiai Chemical Co., Ltd.

CONDITIONS OF SUPPLY: The Seller warrants that the goods shall at the time of delivery to the Buyer conform to the Seller's standard specification but all other conditions and warranties, whether express or implied by statute or custom of the trade or otherwise and whether as to condition, quality, performance, merchantability, fitness for any purpose or otherwise, are expressly excluded and, subject as aforesaid, the Seller shall be under no liability whatsoever, in contract or in tort, for or in respect of any loss or damage whatsoever resulting from or arising out of the goods or supply or use thereof, whether caused by the negligence of the Seller or otherwise. The Seller shall be under no liability in respect of the warranty given above unless the Buyer allows the Seller reasonable opportunity of inspecting the goods where practicable. A consumers statutory rights are not affected.

### **GENERAL INFORMATION**

Valbon is a water dispersible granule (WG) formulation containing the active ingredients benthivalicarb and mancozeb. The product is a protectant fungicide for the control of potato late blight, *Phytophthora infestans*.

### **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.

#### **Timing of application**

Valbon is a protectant fungicide that should be applied before infection is seen. The first application should be made before blight enters the crop, irrespective of growth stage. This should be when the first blight warning (Smith period) has been given or when local conditions are favourable to the disease or there is a local source of inoculum such as an old potato dump. In the absence of blight warnings the first application should be made before the foliage meets in the row. Subsequent applications can be made every 7-10 days afterwards, the interval depending on disease pressure. A total of six applications can be made per crop. The final spray should be made no later than 7 days before harvest. It is recommended that users avoid spraying within 6 metres of the field boundary to reduce effects on nontarget insects or other arthropods.

#### **Rate of application**

1.6 kg/ha diluted in between 200 – 500 litres of water /ha. Increase the water volume as necessary to ensure thorough coverage of the plant (see section 'Spray Quality' below).

#### **Mixing**

Fill the spray tank with half the required amount of clean water and add the product gradually with constant mixing. Top up the sprayer with the remaining required amount of water and maintain mixing/agitation of the spray tank during application.

#### **Spray quality**

Valbon works as a contact, protectant fungicide, therefore thorough spray cover is essential to maximise product performance. Use adequate quantities of water and choice of spray nozzles and sufficient pressure to ensure complete coverage of the foliage and stem with a MEDIUM/FINE quality spray (as defined by BCPC).

Use of air assisted sprayers or drop legs could help to improve product coverage, over and above a conventional boom sprayer. Under conditions of high blight pressure, ZinZan (A0600/PCS 92324) at 0.075% or a maximum of 150ml per hectare, may improve "kickback" and speed of penetration when used up to the period of tuber initiation. ZinZan can be used at any growth stage in the UK.

#### **Resistance management**

When applied as part of a programme, use no more than three consecutive applications of Valbon. Include other effective products with different modes of action.