

ARELI[®]

MAPP 21603

An agricultural fungicide for the control of potato late blight (*Phytophthora infestans*) (foliar protection).

A suspension concentrate (SC) formulation containing 150 g/L (14.3% w/w) valifenalate and 80 g/L (8.02% w/w) cyazofamid.

THIS PRODUCT MUST BE SOLD AND USED ONLY IN ENGLAND, SCOTLAND AND WALES.

GROUP 40 | 21 FUNGICIDES

FUNGICIDE

F

Net content

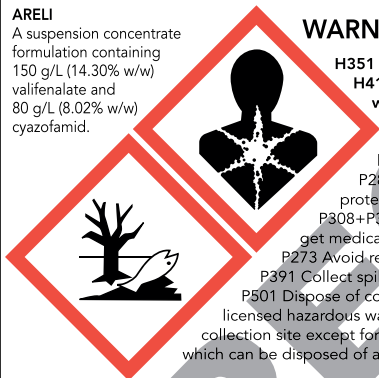
10L

PROTECT FROM FROST

Production date / Batch number:
see packaging

ARELI

A suspension concentrate formulation containing 150 g/L (14.30% w/w) valifenalate and 80 g/L (8.02% w/w) cyazofamid.



WARNING

UFI: 475W-P0GA-100K-PSGM

H351 Suspected of causing cancer.

H410 Very toxic to aquatic life with long lasting effects.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing.

P308+P313 If exposed or concerned: get medical advice/attention.

P273 Avoid release to the environment.

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.

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.
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).
SPe3 To protect aquatic organisms, respect an unsprayed buffer zone of 5 m to surface water bodies.

For advice on medical emergencies, fires, spillages or chemical hazards ONLY – phone Carechem 24 EU: 01235 239670

For technical and non-emergency calls phone 0845 373 0305

Authorisation Holder:
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IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crop: Potato

Maximum individual dose	Maximum number of treatments	Maximum total dose	Latest time of application	Aquatic buffer zone distance	Other specific restrictions
Refer to the leaflet attached to the product pack for full details.					

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.

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

SAFETY PRECAUTIONS

Operator Protection

ENGINEERING CONTROL OF OPERATOR EXPOSURE must be used where reasonably practicable. Engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

SKIN CONTACT: wash off immediately with soap and water. If you feel unwell, seek medical advice and show the label where possible.

EYE CONTACT: rinse immediately with plenty of water and seek medical advice.

DO NOT BREATHE SPRAY. WASH HANDS thoroughly after handling. WHEN USING DO NOT EAT, DRINK OR SMOKE.

Environmental Protection

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m 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. 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 maintained. The results of the LERAP must be recorded and kept available for three years.

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads. Use appropriate containment to avoid environmental contamination. Avoid drift by not spraying in windy weather conditions to protect adjacent crops.

Storage and Disposal

KEEP IN ORIGINAL CONTAINER, tightly closed and in a safe place. Store in a well-ventilated place and keep cool. KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS. KEEP OUT OF REACH OF CHILDREN. EMPTY CONTAINER COMPLETELY and dispose of safely. THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way. DO NOT RE-USE CONTAINER FOR ANY OTHER PURPOSE.



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SPe3 To protect aquatic organisms, respect an unsprayed buffer zone of 5 m to surface water bodies.



IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crop	Maximum individual dose (L product/ha)	Maximum number of treatments per crop	Maximum total dose (L product/ha/crop)	Latest time of application
Potato	1.0	6	6	BBCH 89 (ripening of fruit and seed, before foliage begins to yellow)

The following aquatic buffer zone must be observed:

Crops/situations	Aquatic buffer zone distance (metres)	Comment
Potato	5	See Environmental Protection Phrase 1

Other specific restrictions

- 1) A pre-harvest interval of 7 days must be observed
- 2) A minimum interval of 5 days must be observed between applications
- 3) This product must not be applied via hand-held equipment.

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SAFETY PRECAUTIONS

Operator Protection

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

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EYE CONTACT: rinse immediately with plenty of water and seek medical advice.

DO NOT BREATHE SPRAY

WASH HANDS thoroughly after handling.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

Environmental Protection

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m 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. 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 maintained. The results of the LERAP must be recorded and kept available for three years.

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Use appropriate containment to avoid environmental contamination.

Avoid drift by not spraying in windy weather conditions to protect adjacent crops.

Storage and Disposal

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

Store in a well-ventilated place and keep cool.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN.

EMPTY CONTAINER COMPLETELY and dispose of safely.

THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.

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.

DISEASES CONTROLLED

ARELI is a fungicide for the control of potato late blight (*Phytophthora infestans*).

RESISTANCE MANAGEMENT

ARELI contains valifenalate and cyazofamid. Valifenalate belongs to the CAA-fungicides (Carboxylic Acid Amides) group of fungicides with FRAC code 40; Cyazofamid belongs to the Qil-fungicides (Quinone inside Inhibitors) group of fungicides with FRAC code 21. Combining different modes of action can help to prevent the propagation of resistance.

When fungicides with the same mode of action are used repeatedly over several years in the same field, naturally occurring less sensitive strains may survive, propagate and become dominant in that field. It is therefore advised that wherever possible spray programmes should include fungicides with different modes of action or fungicide families. Consult your distributor or specialist advisor if guidance is required.

Products containing a CAA fungicide should account for a maximum 50% of the total intended applications for late blight control. Do not apply more than 2 consecutive applications of products containing CAA fungicides.

Do not apply more than 6 applications of ARELI per crop.

For further information please refer to UK-FRAG guidance on managing resistance in potato late blight.

CROP SPECIFIC INFORMATION

Timing of application: The first application should be made to potato crops when there is a risk of infection or following official warnings, whichever occurs first. Apply between BBCH crop growth stage 17 (7th leaf of main stem unfolded (>4cm)) up to BBCH 89 (ripening of fruit and seed, before foliage begins to yellow).

Rate of application: Apply 1.0 L/ha ARELI. The maximum number of applications is six.

Volume, spray quality and application method: Apply ARELI in a water volume of 200-400 L water per hectare using a MEDIUM spray quality as defined by BCPC.

Spray schedule: The maximum number of applications for ARELI is six. Use according to disease warning systems or on a systematic program with repeated applications (maximum of two consecutive applications). A minimum interval of 5 days must be observed between applications.

Pre-harvest interval: 7 days

Mixing: Half-fill the spray tank with clean water and commence agitation. Shake the container of ARELI well and add the required quantity to the spray tank. Add the remainder of the required water volume. On emptying each container, rinse container thoroughly by using an integrated pressure rinsing device or manually rinsing three times. Add washings to the sprayer at the time of filling and dispose of container safely.

Keep the spray solution agitated until all the product is applied. Do not prepare more spray solution than required.

COMPATIBILITY

Consult your distributor or Certis Belchim BV before tank-mixing with any adjuvants or other pesticides.

Tank cleaning: Ensure that no or only a minimal quantity of product remains in the spray tank after application. Upon completion of spraying, dilute the remaining spray solution with the tank cleaning water and spray the diluted remainder onto the target crop area. Rinse the spray tank twice more with fresh water and spray the further diluted remainder onto the target crop area. No addition of detergents is necessary.

Following crops

There are no restrictions on following crops following use of ARELI on potato crops.

Replacement crops

There are no restrictions on replacement crops following use of ARELI on potato crops.

Company Advisory Information

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:

https://certisbelchim.co.uk/pdf/MSDS/Areli_MSDS.pdf

Alternatively, contact your supplier.