



# Caligula®

5 L e

GROUP 7 | 3 FUNGICIDES



For Professional use only

**A mixture of a carboxamide and triazolinthione fungicide for disease control in potatoes.**

A suspo emulsion formulation containing 125 g/L (12% w/w) fluopyram and 125 g/L (12% w/w) prothioconazole..

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## CALIGULA

UFI: 6E80-S0DX-N00H-NC5Q

Contains 125 g/L (12% w/w) fluopyram and 125 g/L (12% w/w) prothioconazole



### WARNING

**Very toxic to aquatic life with long lasting effects.**

Wear protective gloves/protective clothing/eye protection/face protection

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for triple rinsed empty 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.

Contains 1,2-Benzisothiazolin-3-one and 2-[2-(1-chlorocyclopropyl)-2-hydroxy-3-phenylpropyl]-2,4-dihydro-3H-1,2,4-triazole-3-thione. May produce an allergic reaction

PCS No. 06742



## 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) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate, handling contaminated surfaces or applying the product.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH ANY CONTAMINATION from eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IF YOU FEEL UNWELL, seek medical advice (show the label where possible).

### 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 of 5m to surface water bodies.

### Storage and Disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

DO NOT RE-USE CONTAINER for any purpose.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely. Triple rinsed containers should be punctured to prevent re-use and may be disposed of by an authorised contractor or at a municipal waste recycling site.



caligulaiesds

To access the **Safety Data Sheet** for this product scan the code or use the link below:

[www.bayercropscience.ie/sds/caligula.pdf](http://www.bayercropscience.ie/sds/caligula.pdf)

or alternatively contact your supplier

IE89150450a rA1a

Bayer

**IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE**

CROPS	MAXIMUM INDIVIDUAL DOSE	MAXIMUM TOTAL DOSE	LATEST TIME OF APPLICATION
Potatoes	0.5 litres product per hectare	Potatoes: 1.5 litres product per hectare.	Potatoes: 21 days before harvest.

**Other Specific Restrictions:** A minimum interval of 10 days must be observed between applications.

**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.**

## DIRECTIONS FOR USE

### INTRODUCTION

**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.

Caligula is a mixture of a carboxamide and triazolinthione fungicide recommended for the control of diseases in potatoes.

PROTECT FROM FROST

### CROPS

Caligula may be used on all commercial varieties of potatoes

### RATE OF USE

Apply Caligula at 0.5 litre per hectare.

The maximum total dose per crop is:- 1.5 litre per hectare for potatoes.

### APPLICATION

#### Water volume

Apply Caligula in 200–300 litres per hectare water. The higher spray volumes are recommended where the crop is dense or disease pressure / risk is high to ensure good penetration to the lower leaves and stem bases. Disease control may be compromised by reducing water volumes, where good spray coverage is difficult to achieve.

### Qualified use recommendation.

If required, water volumes down to 100 litres per hectare may be used; however these have not been supported by effectiveness or crop safety data.

A spray pressure of 2–3 bar is recommended.

### Spray quality

Apply as a MEDIUM spray quality (as defined by BCPC).

### Latest Permitted Timing

Potatoes – Caligula may be applied at any stage up to 21 days before harvest.

### Mixing

Thoroughly shake the pack before use.

Add the required quantity of Caligula to the half-filled spray tank with the agitation system in operation and then fill to the required level. Continue agitation at all times during spraying and stoppages until the tank is completely empty. Spray immediately after mixing.

### General

Sprayers should be thoroughly cleaned with water and detergent after use, and filters and jets checked for damage and blockages.

Boom height should be adjusted to ensure even coverage of the crop, particularly at later growth stages. The correct height is one at which the spray from alternate nozzles meets just above the crop, in dense crops, at later growth stages higher water volumes should be used.

### DISEASES CONTROLLED

Disease	Potatoes
Early Blight ( <i>Alternaria</i> )	C

C = Control MC = Moderate control R = Reduction

## **APPLICATION TIMING**

Do not apply more 500 g/ha Fluopyram via foliar treatment per calendar year

## **POTATOES**

Early blight (*Alternaria*). Apply Caligula at first signs of disease. Where disease pressure remains high a repeat application may be made 10 days later. No more than two consecutive applications of Caligula may be made.

If the crop is intended for processing consult the processor before use of Caligula.

## **RESISTANCE STRATEGY**

For further advice on resistance management in potatoes contact your agronomist, or specialist advisor, and visit the FRAG-UK website.

**CAUTION:** The possible development of disease strains resistant to Caligula cannot be excluded or predicted. Where such resistant strains occur, Caligula is unlikely to give satisfactory control.

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