

# PROPLANT<sup>®</sup>

## FUNGICIDE

PCS no. 03994

Contains 722 g/l (62.9% w/w) propamocarb hydrochloride as a soluble concentrate formulation

PROPLANT is a semi-systemic carbamate fungicide with protective action against *Pythium* spp., *Phytophthora* spp and *Peronospora parasitica* on protected Brussels sprout, broccoli, calabrese and cauliflower.

### Risk and Safety Information

#### Warning



May cause an allergic skin reaction.

Keep out of reach of children.

IF ON SKIN: Wash with plenty of soap and water

Avoid breathing spray.

Do not eat, drink or smoke when using this product.

Wear protective gloves, eye 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.

UFI: 83SE-44ET-4SKP-4U0T

PCS no. 03994

Manufacturing date and Batch no.: see packaging

24-Hour Emergency Telephone Number: +44(0)1235 239670

Manufacturer, Approval holder and marketing company:

Arysta LifeScience Benelux sprl

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Net Contents:

1 L



### FOR PROFESSIONAL USE ONLY AS A HORTICULTURAL FUNGICIDE

Crop	Max. single dose	Max. no. of applications	Max. total dose	Latest time of application
Broccoli/calabrese, Brussels sprout & cauliflower (all protected)	5 ml/m <sup>2</sup>	1 per crop	5 ml/m <sup>2</sup>	-

**Specific diseases controlled:** *Pythium* spp., *Phytophthora* spp. and *Peronospora parasitica*

**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**

### SAFETY PRECAUTIONS

#### Operator protection

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate or applying by hand-held equipment.

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

WEAR SUITABLE PROTECTIVE GLOVES AND RUBBER BOOTS when handling freshly treated material.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

WASH CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

#### 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.

#### Storage and disposal

DO NOT RE-USE THIS CONTAINER FOR ANY OTHER PURPOSE.

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

PROTECT FROM FROST.

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.

# PROPLANT®

## 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.

## RESTRICTIONS OR WARNING

The maximum concentrations of 5ml product/2-4 litres water must not be exceeded.

Do not use this product in a re-circulating irrigation/drip system.

On plants of unknown tolerance, test on a small scale first, particularly when using on young plants. To reduce damage it is recommended to wash any PROPLANT solution off the plants after application. Consult processor before using on crops being grown for processing.

Do not apply under hot sunny conditions, during frost or when plants are under stress.

## DISEASES CONTROLLED

PROPLANT is a soluble concentrate carbamate fungicide containing propamocarb hydrochloride. It is a semi-systemic fungicide for preventative use especially active against Oomycetes fungi of genera *Pythium*, *Phytophthora* and *Peronospora* causing damping-off, root and stem rot and leaf blight. It is applied as a preventative soil drench. In humid soil, the product is well absorbed through the roots and transported acropetally.

## CROP-SPECIFIC INFORMATION

### Method and rates of application

PROPLANT must be applied preventatively as a soil drench to protect germinating seeds, seedlings, cuttings, pot or container plants and transplants. To achieve maximum distribution and effectiveness, soil or compost must be moist. For drenching, use sufficient water volume to allow the product to penetrate thoroughly the rooting zone. PROPLANT should not be applied to dry soil or compost. Treated soil must be kept under normal moisture conditions to enable continuous absorption by the roots.

Apply 5 ml product per m<sup>2</sup> soil before or immediately after sowing, before or immediately after pricking out. Apply the recommended rate of PROPLANT in 2 to 4 litres of water per m<sup>2</sup> depending on humidity of the soil and depth of substrate.

PROPLANT can be used on the following edible crops:

CROP	Maximum individual dose	Maximum No of treatments	Latest time of application/PHI
Broccoli/calabrese (protected), Brussels sprout (protected), cauliflower (protected).	5 ml/m <sup>2</sup> in 2-4 Litres water, as a soil drench	One per crop	Before transplanting

Where application is made to plant leaves, such as seedlings, ensure leaves are rinsed with clean water after application.

Do not use this product in a re-circulating irrigation/drip system.

## MIXING, SPRAYING AND COMPATIBILITY

### Mixing

Ensure that mixing container and/or sprayer is clean and in good working order. Half fill container or sprayer with clean water. Add the required quantity of PROPLANT and begin agitation. Add the remainder of the water and mix thoroughly. Once made up do not store.

Thoroughly rinse application equipment three times with water after use.

### RESISTANCE

Proplant is a carbamate group fungicide. To reduce the risk of resistance to fungicide it is in your interest to plan a programme of treatments using fungicides with different modes of action.

### Conditions of Sale

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during and after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded, and no responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

A Safety Data Sheet is available under request. Do not hesitate to contact the manufacturer or the distributor to obtain it. The Safety Data Sheet does not form part of the approved label. Following the instructions on the pesticide Product label for the specified uses should ensure that the product is used safely and efficaciously for those uses.