GROUP 28 FUNGICIDE

PROPLANT

FUNGICIDE

MAPP 15422

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.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

IMPORTANT INFORMATION

FOR USE ONLY AS A HORTICULTURAL FUNGICIDE

CROPS: Broccoli/calabrese (protected), Brussels sprout (protected) and cauliflower (protected).
Max Individual Dose, Max. Number of Treatments, Latest Time of Application: Full details are given on attached leaflet.

Other Specific Restrictions:
The maximum concentrations must not exceed 5ml product/2-4 litres water.

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 PLANT PROTECTION PRODUCTS.

Manufacturing date and Batch no.: **see packaging**

Manufacturer, Approval holder and marketing company:
Arysta LifeScience Benelux Sprl
Rue de Renory 26/1
B-4102 Ougrée, Belgium
Tel. 00 32 4 385 9711

For 24 hour emergency information contact: CARECHEM24 +44 (0)1235 239670

1 LITRE

UPL

GB 2201743/03-0122

PROPLANT

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 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.



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

See attached leaflet for 'Directions for Use'

This leaflet/booklet is part of the authorised Product Label

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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^2 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^2 depending on humidity of the soil and deepness 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^2 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.

Company Advisory Information
This section of the label is not Part of the Plant Protection Products Regulations 1995. It is to provide additional advice on product use at the discretion of the Applicant.

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.

GB Supplier details:
UPL Europe Ltd, The Engine Rooms, 1st Floor,
Birchwood Park, Warrington, WA3 6YN

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