PROPLANT

GROUP	28	FUNGICIDE

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

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

Product registration number: MAPP 15422.

An established semi-systemic fungicide with protective action against damping-off and root rots caused by *Pythium, Phytophthora* and against downy mildew.

Protects the germinating seed, seedling, pot or container plants and transplants from infection.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.
Use plant protection products safely. Always read the label and product information before use.

VERSION CONTROL

Version	Publication Date	Change from previous version
05/14	May 2014	Classification change from CHIP to CLP regulations.
02/17	April 2017	Approval holder Arysta. Revised emergency telephone number.
04/18	April-2018	No change to content. Only change to format.
05/22	May 2022	Minor changes.

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PROPLANT

The following text is taken from the approved product label:

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A semi-systemic carbamate fungicide with protective action against: *Pythium* spp., *Phytophthora* spp., and *Peronospora parasitica* on protected Brussels sprouts, broccoli, calabrese and cauliflower.

Product registration number: MAPP 15422.

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 WARNINGS

The maximum concentration of 5ml product per 2-4 litres of 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.

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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 5ml of 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)	5ml/m^2 in 2-4 litres of 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-circurculating irrigation/drip system.

MIXING, SPRAYING AND COMPATIBILITY

Mixing

Ensure that the mixing container and/or sprayer is clean and in good working order. Half-fill the 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.

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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.

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 given under 'Directions for Use'.

Other specific restrictions:

The maximum concentrations must not exceed 5ml of product/2-4 litres of 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.

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PROPLANT

A soluble concentrate formulation containing 722 g/L propamocarb hydrochloride.

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 and 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.

CONDITIONS OF SALE

All goods supplied by us are of a high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling mixing 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.

MANUFACTURER APPROVAL HOLDER AND MARKETING COMPANY

Arysta LifeScience Benelux sprl.,
Rue de Renory 26/1,
B-4102 Ougree,
Belgium.
Tel 00 32 4 385 9711

24-hour emergency telephone for PROPLANT: 01235 239670

GB SUPPLIER DETAILS

UPL Europe Ltd The Engine Rooms, 1st Floor, Birchwood Park, Warrington. WA3 6YN

Pack size: 1 litre, Outers of: 12 x 1 litre. Safety data sheet available on request.
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