

COLUMBO®

0,8 MG

UFI: D954-81JK-RFN3-A7H1

Microgranule multicrop insecticide

Effective against wireworms, cutworms and vegetable flies

PCS N° 06716

Contains 0.8% of cypermethrin p/p
Formulation : Microgranules (MG)
For use as an agricultural insecticide.

PROFESSIONAL USE ONLY

GROUP	3	INSECTICIDE
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Batch number :

Expiry date :

Producer:



SBM Développement
60 Chemin des Mouilles
69130 Ecully - France

® Registered SBM Développement, France

WARNING



Safety information

TO AVOID RISKS TO
HUMAN HEALTH AND THE
ENVIRONMENT, COMPLY WITH
THE INSTRUCTIONS FOR USE.

H410 Very Toxic to aquatic life with long lasting effects.

If medical advice is needed, have product container or label at hand.
Keep out of reach of children. Keep away from food, drink and animal feedstuffs.

Wash hands thoroughly after handling.

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

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

Collect spillage.

Dispose of contents/container as hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use.

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).

PCS No. 06716

In the event of an emergency, call 112 or the National Poisons Centre, Beaumont Hospital at 01 809 2566 or 01 837 9964

12 kg

COLUMBO®

0,8MG



Lift the strip of paper and detach one of the ties



MODE OF ACTION

COLUMBO 0,8 MG contains cypermethrin, active substance belonging to the synthetic pyrethroids' family. Synthetic pyrethroids are neurotoxins acting on the axons in the peripheral and central nervous system of insects by interacting with sodium channels causing hyperactivity and paralysis. Cypermethrin acts mainly by contact but also by ingestion; its persistence of activity in the soil varies depending on the more or less important quantity of light. Persistence of COLUMBO 0,8 MG varies from 1.5 to 2 months.

Cypermethrin is taken part in group 3 of IRAC classification:

«The repeated use, on the same plot, of mixtures with active substances of the same chemical family or having the same mode of action can lead to make resistant organisms.

To reduce this risk, it is advised to take turns or split, on the same plot, mixtures composed with active substances coming from different chemical families or with different mode of actions.»

COLUMBO 0,8 MG product is applied in fields on various crops: carrots and the others roots and tubers vegetables, sugar beets and beetroots, cabbages, tomatoes and aubergines, potatoes, bulb vegetables, oilseed rape, pumpkins, tobacco and amenities turf. Respect an unsprayed buffer zone of 5 meters from the water points.

USES AND DOSES

Crops	Pests controlled	Max. single/total dose	Max. number of applications	Application method	Latest time of application
Carrot	Wireworm	12 kg/ha	1	Application in furrow Granule buried into the seed bed	At sowing
Sugar beet, Beetroot	Wireworm	12 kg/ha	1	Application in furrow Granule buried into the seed bed	At sowing
Celeriac, Parsnip, Parsley root, Horseradish, Radishes, Turnips, Swedes	Wireworm	12 kg/ha	1	Application in furrow Granule buried into the seed bed	At sowing
Broccoli, Cauliflower, Head cabbage, Brussel sprouts, Kale, Chinese cabbage	Wireworm	12 kg/ha	1	Application in furrow Granule buried into the seed bed with fishtail DXP® L	At sowing
Potato	Wireworm	24 kg/ha	1	Application in furrow Granule buried into the seed bed with fishtail DXP® L	At planting
Garlic, Onion, Shallots	Wireworm	12 kg/ha	1	Application in furrow Granule buried into the seed bed with fishtail DXP® L	At planting
Oilseed rape	Wireworm	12 kg/ha	1	Application in furrow Granule buried into the seed bed	At sowing
Pumpkin	Wireworm	12 kg/ha	1	Application in furrow Granule buried into the seed bed with fishtail DXP®	At planting
Tomato, Aubergine (field)	Wireworm, Cutworm	12 kg/ha	1	Granule buried into the seed bed with fishtail DXP® L	At sowing
Amenity grassland	Wireworm, Cutworm	12 kg/ha	1	Granule buried into the seed bed	At sowing with mechanized equipment

Do not apply by broadcast application.

Product may only be applied with sowing/planting equipment capable of placing this product in furrow simultaneously with the seed.

DIRECTIONS FOR USE

COLUMBO® 0.8 MG is a granule soil insecticide which contains cypermethrin, a non mobile active substance. The product is applied in the furrow at sowing, planting or transplanting. Granules are buried into the seed bed soil in order to create a protective barrier around the seed or the plant. Cypermethrin does not present any vapor effect and is not soluble into the water so COLUMBO® 0.8 MG granules are active strictly where they are located, and do not move due to their high density calcium carbonate carrier.

Therefore, the positioning of the product, which is involved by the application method, is essential in order to get an optimum efficacy. The application method is different from a crop to another following that the product is applied with or without the help of a fishtail device.

Whatever the crop to be protected, the application method of COLUMBO® 0.8 MG always follows the same process:

1. Opening of the soil => formation of the furrow
2. Laying of the seed or the plant in the furrow
3. Application of the granules
4. Closing of the furrow

The barrier is naturally created during the closing of the furrow in the case of the crops which are not deeply sowed. Granules are then all round the seed.

For crops which are more deeply sowed/planted, SBM Développement provide farmers with a spreading system, FISHTAIL DXP®, which purpose is to put granules within the sowing section in order to extend the protection to the seeding. A ridge is always formed at the end of the application when the furrow is closed and COLUMBO 0.8MG is homogeneously spread in both sides of seeding furrow.

IMPORTANT

Preserve the uses, doses, conditions and the safety precautions marked on the packing. They were determined based on the product characteristics and applications for which it is recommended.

Crop and applications must be managed according good agricultural practices, under your responsibility, taking into consideration the specific parameters of your farm, such as the soil type, weather conditions...

The manufacturer guarantees the quality of the product sold in its original packing as well as its accordance to its registration.

CONTAINER

Wash out container thoroughly, empty washings into spray tank and dispose of container safely.

Dispose of contents/container to a licenced hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.