

Porselen PLUS

Reg. No.:
23-D-187-77-D-169-23

CONTENTS:
1KG



Composition:.....mass/volume

Emamectin Benzoate:.....	100 g/kg
Lufenuron:.....	400 g/kg
Inert ingredients:.....	500 g/kg

Chemical group:

Emamectin Benzoate:.....	Avermectin
Lufenuron:.....	Benzoylurea

A water soluble granular insecticide for the control of African Bollworm and semi-looper in tomatoes, Codling moth in apples, Diamondback moth in cabbage, Fall Armyworm in maize, sweetcorn and potatoes.

Manufactured by:
Shandong Weifang Rainbow Chemical Co., Ltd.
Binhai Economic Development Area, Weifang, Shandong, China
Tel: +86-531-88875222, 88875231

Distributed By:
Trowbar Enterprises (PVT) LTD. T/A MAGUIRES
196 Harare Drive, Borrowdale, Harare, Zimbabwe
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Shelf Life: Two years from manufactured date if stored in a cool dry place in original unopened container.

Date of Manufacture:

Expiry Date:

Batch No.:

Rainbow
all about growing



TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE

PRECAUTIONS

1. Handle with care. Avoid splashing and contact with eyes, nose and mouth.
2. Poisonous by swallowing, inhalation and contact with skin.
3. **WEAR FULL PERSONAL PROTECTIVE EQUIPMENT (PPE)** i.e. rubber gloves, rubber boots, overalls, hood, goggles and respirator when preparing and using with this product.
4. **KEEP APART FROM FOOD AND FOOD STUFFS.**
5. **DO NOT** eat, drink or smoke while preparing and applying this product.
6. On completion of spraying remove personal protective clothing, wash face, hands and body with soap and running water before engaging in any activities.
7. **KEEP OUT OF REACH OF CHILDREN AND UNIFORMED PERSONS.**
8. Dangerous to livestock and domestic pets. Very dangerous to aquatic organisms.
9. Store in the original container and **KEEP UNDER LOCK AND KEY.**
10. **DO NOT** contaminate drinking pools, streams, water bodies with the chemical or empty containers.
11. Prevent drift onto other crops and areas not under treatment.

SYMPTOMS OF POISONING:

Lack of coordination, tremors, difficult breathing, dilatation of pupils, eye and skin irritation.

FIRST AID:

Inhalation: Move victim to fresh air. If not breathing properly, give artificial respiration. Seek medical attention.

Skin contact: Remove contaminated clothing and shoes and launder. Wash thoroughly with soap and running water.

Eye contact: Flush immediately with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Ingestion: If swallowed, wash the mouth with water provided person is conscious. Induce vomiting after giving a glass of water. Obtain medical attention immediately.

Call Drug and Toxicology Information Services (DATIS) on +263242307148/+263786100098 for more information.

NOTE TO PHYSICIAN:

Antidote: There is no specific antidote. Treat symptomatically.

EMPTY CONTAINER DISPOSAL

Invert the container over the spray tank or mixing tank. Allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container three times with a volume of water to a minimum of 25% of the container. Add the rinsate to the contents of the spray tank. Destroy the empty container by perforation and flattening. **DO NOT** use for any other purposes. If possible, offer the container for recycling and reuse.

CLEANING OF APPLICATION EQUIPMENT

After use, ensure traces of Porselen Plus are removed. Use the following method:

- a) Drain and rinse tank, spray boom and hoses with clean water for at least 10 minutes (rinse at least 3 times).
- b) Fill tank with clean water and add to it 1 liter of household bleach (Sodium hydrochlorite, 5%), or 1.5 liter household bleach (sodium hypochlorite 3.5%) per 200 liters of water. Rinse hoses and spray boom and leave in tank for 15 minutes whilst agitating. Drain through nozzle outlets.
- c) Repeat step (b) and after that, rinse thoroughly with water. Dispose of the wash water safely in a collection sump where it will not contaminate crops, grazing, rivers, dams and boreholes.

WARRANTY:

The excellent results which this chemical normally yields are not however warranted or guaranteed as the effectiveness can be greatly influenced by factors outside the control of either the manufacturer or the distributor. No warranty whatsoever expressed or implied is therefore given concerning the effectiveness of this chemical. Any responsibility is specifically excluded for any damage, injury or loss of any kind of loss during or resulting from its handling, use or storage whether or not such has been in accordance with label directions.

DIRECTION FOR USE: USE AS DIRECTED.

MIXING INSTRUCTIONS

Half fill the spray container with clean water. Add the required amount of Porselen Plus to the spray container and top up with water to the required volume while agitating continuously. Use the prepared mixture immediately. **DO NOT** prepare more spray mixture than is needed for immediate application. **DO NOT** allow to stand overnight.

- In all cases, apply as a full cover spray.
- Avoid run-off.
- **DO NOT** spray during the hot time of the day, if the foliage is wet or if rain is imminent or if the weather is windy.

APPLICATION RATES:

Crop and Pest	Dosage/ha	Application directions
Brassicas leafy vegetables Diamondback moth (<i>Plutella xylostella</i>)	100-150g/ha in 450-900L water 16L Knapsack sprayer: 3 g	Apply after scouting. DO NOT spray more than 3 applications per growing season.
Tomatoes Africa Bollworm (<i>Helicoverpa armigera</i>), Tomato Semi-looper (<i>Spodoptera litura</i>)	100-150g/ha in 450-900L water 16L Knapsack sprayer: 3 g	Apply as soon as pests are noticed. Apply second application after 7 days. The interval between 2nd and 3rd application is 3 weeks. DO NOT exceed 3 applications per crop cycle.
Potatoes Fall Armyworm (<i>Spodoptera frugiperda</i>)		
Grapes Codling Moth (<i>Cydia pomonella</i>)	100-150g/ha in 450-900L water 16L Knapsack sprayer: 3 g	Apply at onset of Codling Moth infestation. Use the higher rate under heavy infestation pressure. DO NOT exceed 3 applications per crop cycle. The interval is 14-day.
Maize Fall Armyworm (<i>Spodoptera frugiperda</i>)	100-150g/ha in 450-900L water 16L Knapsack sprayer: 3 g	Apply once larvae are first noticed on the foliage. The interval is 10-14 days. DO NOT exceed 2 applications per crop cycle. Porselen Plus will not control larvae which have already entered the cob. Add a non-ionic wetter.
Cotton Rust mites (<i>Tetranychus cinnabarinus</i>), Bollworms (<i>Helicoverpa armigera</i>), Thrips (<i>Thrips tabaci</i>)	100-150g/ha in 450-900L water 16L Knapsack sprayer: 3 g	Apply once larvae are first noticed on the foliage. The interval is 7-14 days. DO NOT exceed 2 applications per crop cycle. Add a non-ionic wetter.

PRE-HARVEST INTERVAL (PHI):

- Brassicas leafy vegetables 7 days
- Tomatoes 7 days
- Potatoes 14 days
- Maize 14 days

RE-ENTRY PERIOD

DO NOT enter the treated area for at least 24 hours after treatment.

COMPATIBILITY

Compatible with most of the commonly used pesticides and other crop protection products. However all mixtures should be tested prior to field application.

