

**STEWARD™**  
Insecticide - contains 300 g/kg indoxacarb.  
Contains Indoxacarb. May produce an allergic reaction.



**Harmful if swallowed.**  
**Causes serious eye irritation.**  
**May cause damage to organs (nervous system).**  
**Very toxic to aquatic life with long lasting effects.**

Do not breathe vapours/spray.

Wash hands and face thoroughly after handling.

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

IF exposed or if you feel unwell: Call a POISON Centre or doctor/physician.

Collect spillage.

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.

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).

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



# STEWARD™

## Insecticide

GROUP

22A

INSECTICIDE

**MAPP 18792**



A water dispersible granule containing 300 g/kg indoxacarb for the control of pollen beetle in oilseed rape and caterpillars in cabbage, cauliflower, broccoli and various protected fruiting vegetables.

™ is a trademark of FMC Corporation or an affiliate

Contents: **250 g e**

F-05227/31806- UK

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To access the Safety Data Sheet for this product scan the code, visit [www.cropprotection.dupont.co.uk](http://www.cropprotection.dupont.co.uk) or alternatively contact your supplier



The Voluntary Initiative

This label is compliant with the CPA Voluntary

Initiative Guidance

Lot Nr.:



# STEWARD™

## Insecticide

**MAPP 18792**



A water dispersible granule containing 300 g/kg indoxacarb for the control of pollen beetle in oilseed rape and caterpillars in cabbage, cauliflower, broccoli and various protected fruiting vegetables.

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

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This label is compliant with the CPA  
Voluntary Initiative Guidance

### IMPORTANT INFORMATION

#### FOR USE ONLY AS A PROFESSIONAL INSECTICIDE PRODUCTS

Crops	Max. Individual dose	Max. number of treatments	Latest time of application
Oilseed rape	85 g/ha	1 per crop	Before GS 60 (first flowers open stage)
Cabbage, cauliflower, broccoli	85 g/ha	3 per crop	1 day before harvest
Protected cucumber, courgette, marrow, winter squash, pumpkin, melon, aubergine, tomato and pepper	12.5 g/100 l water	6 per year	1 day before harvest

#### Other specific restrictions

When applying to protected crops the maximum spray concentration must not exceed 12.5 g product per 100 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 USING PLANT PROTECTION P**

## 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 GLOVES AND SUITABLE PROTECTIVE RESPIRATORY PROTECTIVE EQUIPMENT (disposable filtering facepiece to EN 149 FFP2, or equivalent) when handling the product

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

TAKE OFF IMMEDIATELY all contaminated clothing

WHEN USING DO NOT EAT, DRINK OR SMOKE.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

### 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

KEEP AWAY FROM FOOD DRINK AND ANIMAL FEEDING STUFFS

KEEP OUT OF REACH OF CHILDREN

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

DO NOT RE-USE CONTAINER FOR ANY PURPOSE

## 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

- STEWARD should not be applied to any crop suffering from stress as a result of drought, waterlogging, low temperatures, pest or disease attack, nutrient or lime deficiency or other factors reducing crop growth.
- Good agricultural practice suggests that STEWARD should be used when bees are less active (i.e. early morning or late evening).

### INSECT CONTROL

STEWARD is an oxadiazine (IRAC group 22) insecticide used for the control of pollen beetle (*Meligethes spp.*) and larvae of various Lepidopteran (caterpillar) species. Activity is by ingestion and contact. The product also shows ovicidal efficacy against some species. Paralysis of the pest occurs within a few hours of exposure and results in cessation of movement and feeding. Optimal effectiveness takes 6-7 days.

### Insect resistance

When insecticides with the same mode of action are used repeatedly over several years to control the same species in the same field, naturally-occurring resistant strains may survive a correctly applied treatment, propagate, and become dominant in that field. An insect can be resistant if the product applied under recommended conditions does not work well. Some insects have developed resistance to commercially available products. When resistance occurs, recommended rates fail to suppress the pest population below economic thresholds.

It is important to consider the following:

- Alternate the use of STEWARD with products with a different mode of action than indoxacarb.
- Monitor insect populations and apply STEWARD when locally determined economic thresholds are reached.
- Follow the directions for use as mentioned on this label, regarding dose, interval and optimum application timing.

Growers should consult the IRAG website for further information on the current resistance management strategy for pollen beetle.

## CROPS

STEWARD may be applied to the following crops:

### Oilseed rape

**Pest controlled:** STEWARD offers moderate control of Pollen beetle (*Meligethes spp.*)

**Dose:** 85 g/ha in 200 l/ha using boom sprayer.

**Timing:** Apply when pollen beetles are present and reaching threshold levels. Application may be made before GS60 first flowers open growth stage.

### Cabbage, cauliflower and broccoli

**Pests controlled:** Cabbage whites (*Pieris spp.*), Cabbage moth (*Mamestra brassicae*), Garden pebble moth (*Evergestis forficalis*), Cabbage leafroller (*Clepsis spectrana*) and Diamondback moth (*Plutella xylostella*).

**Dose:** 85 g/ha in 200 l/ha using boom sprayer.

**Timing:** Treat when first caterpillars are detected or 7-10 days after trapping of the first adults in pheromone traps. Subsequent treatments may be applied at 8-14 day intervals as required.

### Protected cucumber (gherkin), courgette (zucchini), marrow, winter squash, pumpkin, melon, aubergine, tomato and pepper

**Pests controlled:** Golden twin-spot moth (*Chrysodeixis chalcites*), Beet armyworm (*Spodoptera exigua*), Cabbage moth (*Mamestra brassicae*), Tomato moth (*Lacanobia oleracea*), Silver y-moth (*Autographa gamma*) and other *Plusia* species and leafrollers.

**Dose:** 0.0125% w/v (12.5 g/100 L of water)

**Timing:** Treat as soon as the first caterpillars (damage) are detected. Subsequent treatments may be applied at 8-14 day intervals as required.

## MIXING

Before using STEWARD, make sure that the spraying equipment is clean. STEWARD mixes easily with water, but the following mixing procedure should be followed:

Quarter fill the spray tank with clean water, start the agitation and add the required quantity of STEWARD directly to the tank without prior creaming. Continue agitation while topping up the tank and while spraying.

## COMPATIBILITY

Do not use any product in a tank-mix if the mixture cannot be applied within the recommendations for all the separate ingredients. When using in a tank-mix, always add

STEWARD to the spray tank first. Consult your supplier before applying in tank-mix with any other product.



#### **SPRAY TANK CLEAN-OUT**

Immediately after application, completely drain spray equipment. Thoroughly rinse sprayer and flush the hoses, boom and nozzles with clean water. Loosen and physically remove visible deposits. Remove and clean nozzles, screens and strainers. Flush the entire system with clean water. Take all necessary safety precautions when cleaning equipment. Do not clean near wells or water sources. Consult label tank cleanup procedures for all tank mix partners and be sure to use the most rigorous procedure recommended.

#### **NOTICE TO BUYER**

All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, 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 for any damage or injury whatsoever arising from their storage, handling, application or use.

