

INSYST[®]

PCS 03249

GROUP 4A INSECTICIDE

For the control of aphids on potatoes and pollen beetle on oilseed rape.

A water soluble powder formulation containing 20% w/w acetamiprid.

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HARMFUL IF SWALLOWED.
SUSPECTED OF DAMAGING THE UNBORN CHILD.
VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid release to the environment.
IF SWALLOWED: call a POISON CENTRE or doctor/physician if you feel unwell.
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed, empty containers which can be disposed of as non-hazardous waste.

UFI:GENP-WX9F-JJ61-HR0F

WARNING

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

PCS 03249

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INSECTICIDE

Net content

1 kg



**READ CAREFULLY
BEFORE USE**

Production date / Batch number:
see packaging

For advice on medical emergencies, fires, spillages or chemical hazards ONLY - phone Carechem 24 EU: +44 (0)1235 239670

For technical and non-emergency calls
phone +44 (0)845 373 0305

Authorisation Holder:
Nisso Chemical Europe GmbH,
Berliner Allee 42,
40212 Düsseldorf, Germany

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Nippon Soda Co., Ltd.



Marketing Company: **Certis Belchim BV**
Suite 5, 3 Riverside, Granta Park, Great Abington, Cambridgeshire CB21 6AD
Tel: +44 (0)1223 652500 | email: info.uk@certisbelchim.com
www.certisbelchim.co.uk

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL INSECTICIDE

Crops	Maximum individual dose (g product/Ha)	Maximum number of treatments	Latest time of application	Spray interval
Potatoes (excluding seed)	250 g/Ha	1 per year	14 days before harvest	-
Potatoes (Seed)	250 g/Ha	2 per year	14 days before harvest	7 days
Oilseed Rape	200 g/Ha	1 per year	BBCH 69	-

Other specific restrictions:

A minimum interval of 7 days must be observed between applications to seed potato. This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with guidance or the statutory buffer zone must be maintained. The results of the LERAP must be kept for three years.

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 PRODUCTS.

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 when handling the product or contaminated surfaces. WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves. DO NOT BREATHE SPRAY. WASH HANDS AND EXPOSED SKIN before eating and drinking/smoking/after work.

Environmental protection

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a

narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1 m of the top of the bank of a static or flowing water body. Aim spray away from water. 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 IN ORIGINAL CONTAINER, tightly closed, in a safe place. WASH OUT CONTAINER THOROUGHLY, empty washings into spraytank and dispose of safely. This product is approved under the Plant Protection Products Regulations.



GENERAL INFORMATION

INSYST is a neonicotinoid insecticide for the control of aphids on potatoes and pollen beetle on oilseed rape.

INSYST is slightly toxic to predatory mites and generally slightly toxic to other beneficials.

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.

Mixing

Ensure sprayer is clean. Half-fill the spray tank with clean water. Add the required amount of INSYST to the tank and complete filling. Keep the spray solution agitated during application.

Crops Potatoes

INSYST controls a wide range of aphid species that are prevalent in potatoes for example *Myzus persicae*, *Macrosiphum euphorbiae* and *Aulacorthum solani*. Treatment should be carried out as soon as possible when appropriate thresholds are reached. A maximum of one application can be made to ware crops and a maximum of two applications can be made to seed crops, with a spray interval of 7 days. Should further applications be required on ware crops then use a non neonicotinoid insecticide of a different mode of action. On seed crops INSYST may be used up to 2 times in a programme in alternation with non-neonicotinoid insecticides of a different mode of action. Do not use in consecutive sprays. Use no more than two applications of any neonicotinoid (e.g. acetamiprid, thiacloprid) on seed potatoes (see 'resistance').

Rate of application:

Apply at a rate of 250 g/ha.

Apply in a water volume of 200-600 L/ha depending on canopy size.

Thorough coverage of the foliage is essential to ensure good control. The spray should be applied as a fine/medium spray quality, up to the point of run-off.

Harvest interval: 14 days

Oilseed rape

INSYST controls pollen beetle (*Meligethes aeneus*). Treatment should be carried out as soon as possible once appropriate thresholds are reached. A maximum of one application per crop can be made, and only one foliar application of any neonicotinoid can be used on oilseed rape. Growers should consult the IRAG website for further information on the current resistance management strategy for pollen beetle, in particular the use of acetamiprid in areas of high resistance risk, or where a pyrethroid has been used but pollen beetle populations remain above the treatment threshold.

Rate of application:

Apply at a rate of 200 g/ha.

Apply in a water volume of 200-600 L/ha depending on canopy size.

Thorough coverage of the foliage is essential to ensure good control. The spray should be applied as a fine/medium spray quality, up to the point of run-off.

Tank washing procedure

Immediately after application of INSYST, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with water and a commercially available cleaning agent. Rinse inside of tank with clean water and cleaning agent and flush through boom and hoses using at least one tenth of the spray tank volume. Drain completely.

Do not contaminate surface waters or ditches with chemical or used container. Dispose of spray washings in accordance with the Code of Practice for the Safe Use of Pesticides on Farms and Holdings (DEFRA).

Resistance

Use no more than two applications of any neonicotinoid insecticide (e.g. acetamiprid, clothianidin, imidacloprid, thiacloprid) on seed potatoes. Where a neonicotinoid insecticide has previously been used on a seed potato crop (e.g. as a seed treatment or soil treatment), use no more than a single foliar application of a neonicotinoid. For use on ware potatoes, use no more than a single application of any neonicotinoid insecticide. Use no more than one foliar application of any neonicotinoid insecticide on oilseed rape.

Total reliance on one pesticide will hasten the development of resistance. Pesticides of different chemical types or alternative control measures should be included in the planned programme. Alternating insecticides with different modes of action is a recognised anti-resistance strategy and INSYST should always be used in conjunction with other insecticides of a different mode of action. This includes consideration of sequences involving seed or soil treatments followed by a foliar spray.

This section is not part of the Product Label under the Control of Pesticides Regulations 1986 or the Plant Protection Products Regulations 1995 (as appropriate) and that it provides additional advice on product use at the discretion of the applicant.

Company Advisory Information

CONDITIONS OF SUPPLY: The Seller warrants that the goods shall at the time of delivery to the Buyer conform to the Seller's standard specification but all other conditions and warranties, whether express or implied by statute or custom of the trade or otherwise and whether as to condition, quality, performance, merchantability, fitness for any purpose or otherwise, are expressly excluded and, subject as aforesaid, the Seller shall be under no liability whatsoever, in contract or in tort, for or in respect of any loss or damage whatsoever resulting from or arising out of the goods or supply or use thereof, whether caused by the negligence of the Seller or otherwise. The Seller shall be under no liability in respect of the warranty given above unless the Buyer allows the Seller reasonable opportunity of inspecting the goods where practicable. A consumers statutory rights are not affected.

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:

WEBLINK to specific data sheet on manufacturer's website:



https://certisbelchim.co.uk/pdf/MSDS/Insyst_MSDS.pdf

Alternatively, contact your supplier.