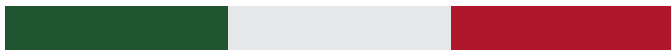


CAPRA™



**For control of diamondback moth and
cabbage white butterfly in vegetable
brassicas, and soybean looper in
lettuce**

GROUP

22A

INSECTICIDE

*Contains 150 g/L Indoxacarb in the form of a suspension
concentrate*



AGRISOURCE
PRODUCTS FOR AGRICULTURE

**DANGER
HARMFUL
ECOTOXIC**

Keep out of the reach
of children

Net Contents

10 Litres



GENERAL INFORMATION

Capra is an oxadiazine insecticide in the form of an emulsifiable concentrate. **Capra** insecticide is to be mixed in water and applied as a foliar spray for control of diamondback moth and cabbage white butterfly in vegetable brassicas, and soybean looper in outdoor lettuce. **Capra** insecticide should be applied after careful field monitoring of pest populations of eggs and larvae to determine the need for application, the correct timing of the initial application and of any subsequent applications.

Capra insecticide has been specifically designed for use in Integrated Pest Management programs. The active ingredient, indoxacarb enters larvae primarily by ingestion of treated foliage, or through penetration of the insect cuticle. After ingesting indoxacarb, the larvae cease feeding and die three to five days later. **Capra** insecticide does not give traditional larval "knockdown" control.

It's an offence to use this product on animals

IMPORTANT - RESISTANCE MANAGEMENT

Capra insecticide contains indoxacarb. GROUP 22A INSECTICIDE Unless directed otherwise in the specific crop/insect sections of the label, the following practices are recommended to prevent or delay the development of insecticide resistance to **Capra** insecticide and to Group 22A insecticides:

- Apply **Capra** insecticide or other Group 22A insecticides using a "window" approach to avoid exposure of consecutive insect pest generations to the same mode of action. Multiple successive applications of **Capra** insecticide are acceptable if they are used to treat a single insect generation.
- Following a "window" of **Capra** insecticide or other Group 22A insecticide, rotate to a "window" of applications of effective insecticides with a different mode of action.
- The total exposure period of all "Group 22A-active windows" applied throughout the crop cycle (from seeding to harvest) should not exceed 50% of the crop cycle.
- Incorporate IPM techniques into the overall pest management program.
- Monitor insect populations for loss of field efficacy.

Capra insecticide may be subject to alternative resistance management strategies, refer to <http://resistance.nzpps.org> for specific pest strategies.

If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local farm chemical supplier, consultant, or local Agri Solutions Ltd representative for the best alternate method of control for your area.

Since the occurrence of resistant individuals is difficult to detect prior to use Agri Solutions accepts no liability for any losses that may result from the failure of **Capra** insecticide to control resistant insects. For additional information on insect resistance, modes of action and monitoring visit the Insecticide Resistance Action Committee (IRAC) on the web at <http://www.irac-online.org>.

CROP	PEST	RATE	CRITICAL COMMENTS
Cabbage Cauliflower Broccoli Brussels sprouts	Diamond back moth (<i>Plutella xylostella</i>) Cabbage white butterfly (<i>Pieris rapae</i>)	500 mL/ha	Apply at the first sign of insect presence and repeat at 7 - 14-day intervals. Alternatively monitor insect populations and apply when economic thresholds are reached. Resistance management: DO NOT apply more than 2 sequential applications, and / or more than 4 applications in any one crop.
Head Lettuce (outdoors)	Soybean looper (<i>Thysanoplusia orichalcea</i>)		Apply at 7 - 14-day intervals or on monitoring thresholds. Resistance management: DO NOT apply more than 2 sequential applications, and / or more than 4 applications in any one crop.

TRADE ADVICE EXPORT STATEMENT

Suitable Maximum Residue Limits (MRLs) or Import tolerances for produce treated with **Capra** insecticide may not be established in some countries. Consult with your exporter before applying **Capra** insecticide to crops from which produce is to be exported.

CONDITIONS OF SUPPLY

All goods supplied by us are produced under rigid quality control procedures which assure the purchaser that at the time of sale they are physically suitable for use in the manner stated. However, to the extent permitted by law, buyers and/ or users of the goods accept that neither the manufacturer, Agri Solutions Ltd as registrant, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

DIRECTIONS FOR USE

DO NOT apply if rain is expected within 2 hours of application, or if heavy dew is present on crops.

MIXING INSTRUCTIONS

Spray equipment must be clean and free of previous pesticide deposits before applying **Capra** insecticide. Fill spray tank 1/4 to 1/2 full of water. Measure the amount of **Capra** insecticide required for the area to be sprayed. Add **Capra** insecticide directly to the spray tank with the agitation engaged. Mix thoroughly to disperse the insecticide. Once dispersed, the material must be kept in suspension at all times by continuous agitation. Use mechanical or hydraulic means, DO NOT use air agitation, premix or slurry.

Use the prepared spray immediately. If unforeseen conditions prevent immediate use of the **Capra** insecticide spray mix, the mix may be stored up to 72 hours. Before use, thoroughly agitate the spray mix until fully resuspended. Mixtures containing **Capra** insecticide should not be stored.

COMPATIBILITY

Capra insecticide is compatible with many commonly used fungicides, liquid fertilisers, herbicides, insecticides, and biological control products. However, since the formulations of products are always changing, it is advisable to test the physical compatibility of desired tank mixes and check for adverse effects like settling out or flocculation. To determine the physical compatibility, add the recommended proportions of the tank mix products to water, mix thoroughly and allow to stand for 20 minutes. If the combination remains mixed, or can be re-mixed readily, it is considered physically compatible. Avoid complex tank mixtures of several products or very concentrated spray mixtures. The crop safety of all potential tank-mixes, including additives and other pesticides, on all crops has not been tested. Before applying any tank-mixture not specifically recommended on this label or other AGRI SOLUTIONS LTD supplemental labelling, the safety to the target crop must be confirmed. To test for crop safety, apply the combination to a small area of the target crop in accordance with the label instructions to ensure that a phytotoxic response will not occur.

The mixing sequence recommended is: water-soluble bags, water-soluble granules, dry flowable or water-dispersible granules, wettable powders, water-based suspension concentrates, water-soluble concentrates, suspo-emulsions, oil-based suspension concentrates, emulsifiable concentrates (e.g. **Capra** insecticide), adjuvants and surfactants, soluble fertilisers and drift retardants.

APPLICATION

Ground application

Use enough water to ensure thorough coverage of the crop. Adjust water volumes to crop stage (200 – 800 L/ha).

Application equipment should be calibrated to apply at least sixty (60) droplets per cm² of target foliage. Droplet VMD should be of medium spray quality.

Use a boom sprayer fitted with high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets. Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size. DOES NOT improve canopy penetration and may increase drift potential. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE. Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. When applying **Capra** insecticide by ground application, keep the boom low to avoid spray drift.

Minimising Spray Drift

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator must consider all these factors when making application decisions. The most effective way to reduce drift potential and maintain efficacy is to apply a volume mean diameter (VMD) 285 - 300 microns.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour at the application site.

DO NOT apply by air.

SPRAY EQUIPMENT CLEANOUT

Prior to application, start with clean, well-maintained application equipment. Immediately following application, thoroughly clean all spray equipment to reduce the risk of forming hardened deposits which might become difficult to remove. Drain spray application. Thoroughly rinse sprayer and flush hoses, boom, and nozzles with clean water.

Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. DO NOT clean near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.

RESTRICTED ENTRY INTERVAL (REI)

DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length chemical resistant gloves. Clothing must be washed after each day's use.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

WITHHOLDING PERIOD

Vegetable brassicas and Head Lettuce (outdoors): DO NOT apply within 3 days of harvest.

READ LABEL COMPLETELY BEFORE USE

RECORD KEEPING

Where 3 kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter air or water and leave the application area, a PCBUI with management or control of the substance must ensure that a written record is kept of each application of the substance. Refer to Part 4 Clause 48 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for details of information that must be recorded. Records of use, as described in The New Zealand Management of Agrichemicals (NZS8049) must be kept. Records of use, as described in The New Zealand Management of Agrichemicals (NZS8049) must be kept.

PCBU RESPONSIBILITIES

This product must be under the control of an appropriate trained and experienced applicator during use. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.



HARMFUL

Keep out of reach of children. Read label before use. Do not breathe mist or spray. Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face thoroughly before meals and after work. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Do not apply directly into or onto water.

ECOTOXIC

May be harmful if swallowed, inhaled or absorbed through the skin. May cause sensitisation from prolonged skin contact. May cause damage to the Hematopoietic system from repeated oral exposure at high doses. Harmful to aquatic organisms. Very toxic to terrestrial invertebrates.

HANDLING PRECAUTIONS

Personal Protection: Avoid breathing dust or spray mist. DO NOT eat, drink or smoke while using. When mixing or applying wear appropriate protective clothing such as waterproof gloves, hat, overalls, and footwear. Wash hands and face before meals and after work. Wash splashes of concentrate from skin and eyes immediately.

Storage: Store in original container, tightly closed and under lock and key, in a cool, well ventilated area. DO NOT store for long periods of time in direct sunlight. DO NOT store with Class 1,2,3,2,4 or 5 substances or feed, seeds or foodstuffs. Stores containing more than 100 L of this product require secondary containment and are subject to signage.

Spillage: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain the spill by damming, recover spill product by absorbing with sawdust or an inert absorbent material then transfer the recovered spill material to a properly labelled drum. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

Product Disposal: Dispose of this product only by using according to the label or at an approved landfill. Avoid contamination of any water supply with product or empty container.

Container Disposal: Ensure container is empty. Triple rinse and add rinsate to the spray tank. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, burn if circumstances, especially wind direction permit, otherwise bury in an approved landfill. DO NOT reuse container. Dispose of this product only by using according to this label. Always follow local Authority requirements. Avoid contamination of any water supply with product or empty container.

Safety Data Sheet: Additional information is available in the Safety Data Sheet for the product, this is available from www.agrsource.co.nz

FIRST AID

If swallowed, do NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin contact occurs, remove contaminated clothing and flush skin with running water. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled, move the victim to fresh air immediately. Get medical advice/attention.

EMERGENCY RESPONSE

In a transport emergency call 111, Police or Fire Brigade.

IN CASE OF FIRE

Use water spray, foam, dry chemical, carbon dioxide or sand for extinction.

TMCAPRA is a registered trademark of Agri Solutions Limited

Registered pursuant to the ACVM Act 1997 No. P9928
See www.foodsafety.govt.nz for registration conditions

Approved pursuant to HSNO Act 1996 No. HSR000583
See www.epa.govt.nz for approval conditions

REGISTRANT

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DISTRIBUTOR

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09 237 0442 - www.agrsource.co.nz

BATCH NO:

DATE OF

MANUFACTURE:

24 HOUR EMERGENCY RESPONSE 0800 CHEMCALL (0800 243 622)