

**POISON**  
**KEEP OUT OF REACH OF CHILDREN**  
**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

# Ovasyn<sup>®</sup> Options

## INSECTICIDE

**Active Constituent:** 200 g/L AMITRAZ  
**Solvent:** 590 g/L LIQUID HYDROCARBONS  
 50 g/L N-METHYL PYRROLIDONE

**GROUP 19A INSECTICIDE**

**For the control of Heliothis and suppression of cotton aphids and mites in cotton as specified in the DIRECTIONS FOR USE table**

### GENERAL INSTRUCTIONS

Ovasyn Options must always be mixed with the registered rate of a compatible larvicide. The product may be used either in water based low volume, or ultra low volume (ULV) application.

### Insecticide Resistance Warning

For insecticide resistance management, Ovasyn Options Insecticide is a Group **19A** insecticide.

Some naturally occurring insect biotypes resistant to Ovasyn Options and other Group **19A** insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Ovasyn Options or other Group **19A** insecticides are used repeatedly. The effectiveness of Ovasyn Options on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Bayer CropScience Pty Ltd accepts no liability for any losses that may result from the failure of Ovasyn Options to control resistant insects.

The user should seek advice, and monitor the performance, and if the results are not in accordance with expectations, contact the manufacturer immediately. Apparent resistance however, should not be confused with poor application, coverage or timing techniques.

Ovasyn Options may be subject to specific resistance management strategies. For further information contact your local supplier, Bayer CropScience representative or local agricultural department agronomist.

### Export of treated produce

Growers should note that MRLs or import tolerances do not exist in all markets for produce treated with Ovasyn Options. If you are growing produce for export, please check with Bayer CropScience Pty Ltd for the latest information on MRLs and import tolerances BEFORE using Ovasyn Options.

### Mixing

#### **Applied with water**

Part fill the spray tank with water and then, with the agitator running, add the Ovasyn Options. Add the compatible larvicide and complete filling the tank. Use prepared spray mixture immediately. **DO NOT allow to stand overnight.**

#### **Applied ULV**

Fill the required volume of Ovasyn Options directly into aircraft hopper or mix vat and with agitation operating add the required volume of a compatible larvicide. Use the prepared spray mixture immediately. **DO NOT allow to stand overnight.** DO NOT add water. In ULV mixtures, it is essential that no water be present in the spray system.

### Application and Equipment

Accurate placement and good foliar coverage are essential. Note: Insect control could be diminished if rain falls within 6 hours of application. When mixed with Thiodan<sup>®</sup> EC ensure that all Thiodan label recommendations are strictly adhered to.

#### **Ground Spray**

Standard low volume boom or high volume equipment may be used. Apply in a minimum total volume of 80 L/ha.

#### **Aircraft**

Applied with water – Ovasyn Options may be applied by aircraft using water as a carrier. Apply in a minimum total volume of 20 L/ha.

Applied ULV – Ovasyn Options may also be used without dilution in mixture with some ULV products as listed under 'Compatibility'. A minimum total spray volume of 3.0 L/ha should be applied ULV. For example, where the mixing partner is Decis Options<sup>®</sup> the addition of DC Tron<sup>®</sup> Cotton Spray Oil as a bulking agent will be required.

Ovasyn Options Insecticide must only be applied by aircraft fitted with accurately calibrated ULV equipment, eg. Micronair AU5000 atomisers. To minimise drift it is essential to produce a suitable spray droplet diameter (volume mean diameter) by controlling the rotational speed of the atomisers. It is recommended that the application parameters in terms of plane speed and blade angle settings are adjusted to deliver a maximum rotational speed of 3000 rpm and a resultant droplet diameter of approximately 100 microns. Rotational speed of the atomisers can be measured by the fitment and maintenance of transducers.

## Compatibility

### Applied with water

This product is compatible with Affirm<sup>®</sup>, Curacron<sup>®</sup> 500 EC, Decis Options, Dipel<sup>®</sup>, Folimat<sup>®</sup> 800, Gemstar<sup>®</sup>, Intrepid<sup>®</sup>, Larvin<sup>®</sup> 375 SC, Mustang<sup>®</sup>, Predator<sup>®</sup>, Reign<sup>®</sup>, Steward<sup>™</sup>, Talstar<sup>®</sup> 100 EC, Thiodan<sup>®</sup> EC and Tracer<sup>®</sup> II. Combinations with Larvin 375 SC should be used within 6 hours of mixing.

### Applied ULV

This product is compatible with Curacron ULV, Decis Options & Decis Forte<sup>®</sup> ULV, methyl parathion, Predator, Ampol Green and DC Tron Cotton.

## PRECAUTIONS

### Re-entry Period

Do not allow entry into treated areas until the spray deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and elbow-length PVC gloves. Clothing must be laundered after each day's use.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers. Toxic to fish. The empty container must not be reused for any other purpose.

### DRIFT WARNING

DO NOT apply under weather conditions, or from spraying equipment that could be expected to cause spray to drift onto adjacent crops, crop lands, pasture or livestock.

### STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Immediately and thoroughly close part-used containers to avoid deterioration of product.

#### **(20 and 200 L packs only)**

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

#### **(Containers with dry-break connection - 100, 1000 L)**

If tamper evident seals are broken prior to initial use, then the integrity of the contents cannot be assured. Empty container by pumping through dry-break connection system. Do not attempt to breach the valve system or the filling point, or contaminate the container with water or other products.

Ensure that the coupler, pump, meter and hoses are disconnected, triple rinsed and drained after each use. When empty, or contents no longer required, return the container to the point of purchase. This container remains the property of Bayer CropScience Pty Ltd.

#### **(Schütz container with camlock valve connection - 1000 L)**

If tamper evident seals are broken prior to initial use, then the integrity of the contents cannot be assured. The container must be vented before discharging contents. To empty, connect a camlock fitted hose to the bottom valve. Remove top cap when discharging for venting purposes. When the container is empty, close all caps and valves and return the container to the point of purchase.

## SAFETY DIRECTIONS

May irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray or using prepared spray, wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and face shield. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield and contaminated clothing.

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 13 11 26). If swallowed, do NOT induce vomiting. Give a glass of water. If in eyes, wash out immediately with water.

## MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which can be obtained from [www.bayercropscience.com.au](http://www.bayercropscience.com.au).

## EXCLUSION OF LIABILITY

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

Decis Forte<sup>®</sup>, Decis Options<sup>®</sup>, Folimat<sup>®</sup>, Larvin<sup>®</sup>, Ovasyn<sup>®</sup>, Reign<sup>®</sup> and Thiodan<sup>®</sup> are Registered Trademarks of Bayer.

FOR 24 HOUR SPECIALIST ADVICE  
IN EMERGENCY ONLY  
PHONE 1800 033 111

APVMA Approval No.: 53262/1203

**DIRECTIONS FOR USE (for use in Qld, NSW and WA only)**

CROP	PEST	RATE	CRITICAL COMMENTS
Cotton	Heliothis ( <i>Helicoverpa</i> <i>spp.</i> , bollworm, native budworm)	2.0 L/ha plus the registered rate of a compatible heliothis larvicide	Apply Ovasyn Options as an ovicide, mixed with a larvicide, when eggs and very small larvae are detected. Repeat treatments at 5 to 7 day intervals, or when necessary, as indicated by regular crop checking.
	Cotton aphid ( <i>Aphis gossypii</i> ), mites (suppression when used for control of Heliothis)		Ovasyn Options will provide suppression of aphids. It will also provide suppression of mites when used in a spray program. Ovasyn Options must only be applied to cotton with a full registered rate of a compatible Heliothis larvicide.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**WITHHOLDING PERIOD: DO NOT APPLY LATER THAN 21 DAYS BEFORE HARVEST**