



DIRECTIONS FOR USE

CROP	PEST	Rate	CRITICAL COMMENTS
Brassica Vegetables Broccoli, Brussels Sprout, Cabbages, Cauliflower only	Diamondback Moth (Cabbage Moth) (<i>Plutella xylostella</i>) and Cabbage White Butterfly (<i>Pieris rapae</i>)	250 to 300 g/ha	Spray at first signs of insect infestation as indicated by local spray thresholds. Use the lower rate on low to moderate infestations. Add Agral* at the appropriate label rate. DO NOT make more than 4 applications to any brassica crop. Where more than one crop is grown DO NOT make more than 4 applications of ENERGISE in any one year. ENERGISE should be used according to Croplife insecticide resistance strategies.
Capsicum, Lettuce	Heliothis (<i>Helicoverpa armigera</i> and <i>Helicoverpa punctigera</i>)	150 to 250 g/ha	Spray at first signs of insect infestation as indicated by local spray thresholds. For best results apply soon after the <i>Helicoverpa</i> eggs have hatched. DO NOT apply more than 4 sprays of ENERGISE per crop. Where more than one crop is grown per year DO NOT apply more than 4 sprays per year. Ensure thorough spray coverage. Use the lower rate when targeting light infestations of small larvae. Use 250 g/ha during periods of heavy insect pressure or under very hot and sunny conditions. ENERGISE should be used according to the Croplife resistance strategies.
Grapes Except grapes grown for dried fruit production	Lightbrown Apple Moth, Grapevine Moth	Dilute Spraying 15 g/100 L Concentrate Spraying Refer to the Mixing/ Application Section	DO NOT apply after bunch closure. For optimal control of Light Brown Apple Moth apply soon after egg lay when larvae are small in size and before larvae become webbed into the bunches. Eggs laid after application on new growth may not be controlled. For Grapevine Moth control, spray when local threshold levels have been reached. Monitor pest levels after application, a further application may be required (minimum re-treatment interval: 7 to 14 days). Apply by dilute or concentrate spraying equipment. Apply a maximum of 2 applications. Ensure thorough coverage. Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.

CROP	PEST	Rate	CRITICAL COMMENTS
Sweet Corn	Heliothis (<i>Helicoverpa armigera</i> , <i>Helicoverpa punctigera</i>)	150 to 250 g/ha	For best results apply just prior to or just after the <i>Helicoverpa</i> eggs have hatched, but before larvae enter the cob. DO NOT apply more than 4 sprays of ENERGISE per crop. Where more than one crop is grown per year DO NOT apply more than 4 sprays per year. Thorough spray coverage is critical. Larvae present within the cob at the time of spraying may not be controlled. Use the lower rate when targeting light infestations of small larvae. ENERGISE should be used according to the Croplife resistance strategies.
Tomatoes	Heliothis (<i>Helicoverpa armigera</i> , <i>Helicoverpa punctigera</i>)	150 to 250 g/ha or 15 to 25 g/100 L (dilute spraying) for trellised Tomatoes. Concentrate Spraying Refer to the Mixing/ Application section	Spray at first signs of insect infestation as indicated by local spray thresholds. For best results apply soon after the <i>Helicoverpa</i> eggs have hatched. DO NOT apply more than 4 sprays of ENERGISE per crop. Where more than one crop is grown per year DO NOT apply more than 4 sprays per year. Ensure thorough spray coverage. Use the lower rate when targeting light infestations of small larvae. Use 250 g/ha during periods of heavy insect pressure or under very hot and sunny conditions. Trellised Tomatoes: In the case of dilute spraying (g/100 L) apply in the range of 400 to 500 L/ha after transplanting and increase to 800 to 1000 L/ha at full canopy. ENERGISE should be used according to the Croplife resistance strategies.

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

WITHOLDING PERIODS:

- Brassica Vegetables:** DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION. DO NOT USE TREATED CROP, CROP WASTE OR PRODUCE FOR STOCK FOOD.
- Capsicum, Lettuce, Tomatoes:** DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION. DO NOT ALLOW LIVESTOCK TO GRAZE TREATED CROPS OR CROP STUBBLE.
- Grapes:** DO NOT HARVEST FOR 8 WEEKS AFTER APPLICATION. DO NOT GRAZE TREATED AREAS, OR CUT FOR STOCKFEED, FOR 8 WEEKS AFTER APPLICATION.
- Sweet Corn:** DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION. DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION.

EXPORT TRADE ADVICE

Treated crop commodities destined for export may require extra time being allowed between application and harvest, as some export market have either no Maximum Residue Limits (MRLs) or different MRLs to those of Australia. Details of overseas standards and any export interval can be obtained by contacting Farmalinx Pty Ltd before using this product.

www.farmalinx.com

CONTINUED OVERLEAF

MATERIAL SAFETY DATA SHEET
Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for FARMALINX ENERGISE insecticide is available from FARMALINX Pty Ltd on request. Call Customer Service on 02 9389 2455.

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126.

SAFETY DIRECTIONS
Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing the spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length PVC gloves, goggles or face shield. Wash hands after use. After each day's use, wash gloves, goggles or face shield and contaminated clothing.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under off-label permits not endorsed by FARMALINX Pty Ltd or under abnormal conditions. FARMALINX Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.
* Registered trademarks



FARMALINX Pty Ltd ABN 95 134 353 245
Level 25, Suite 2506, Tower 2,
101 Grafton Street, Bondi Junction NSW 2022
T: 02 9389 2455 F: 02 9389 2844
Website: www.farmalinx.com

APVMA Approval No: 84630/110970

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

Energise

INSECTICIDE

44 g/kg EMAMECTIN present as EMAMECTIN BENZOATE

GROUP 6A INSECTICIDE

For the control of Diamondback Moth (Cabbage Moth) and Cabbage White Butterfly in Brassica Vegetables, Light Brown Apple Moth and Grapevine Moth in Grapes and Heliothis in Capsicum, Lettuce, Sweet Corn and Tomatoes as specified in the Directions for Use table.

IMPORTANT: READ THIS LEAFLET BEFORE USING THIS PRODUCT

FARMALINX Pty Ltd ABN 95 134 353 245
Level 25, Suite 2506, Tower 2, 101 Grafton Street,
Bondi Junction NSW 2022



STORAGE AND DISPOSAL
Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Triple-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 deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

PROTECTION OF LIVESTOCK
Dangerous to bees. DO NOT spray any plants in flower while bees are foraging.
PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers. DO NOT apply under weather conditions or from spraying equipment which could be

COMPATIBILITY
ENERGISE is compatible with Chess* Insecticide, Delfin* WG Insecticide, PRICAPAB WG, methidathion, Topas* 100 EC Systemic Fungicide, Agral*, Confidor* 200SC Insecticide, Marvik* Aquatho Insecticide and mancozeb. As formulations of other manufacturer's products are beyond the control of Farmalinx, and the quality of water may vary with location, all mixtures should be tested prior to mixing commercial quantities.
INSECTICIDE RESISTANCE WARNING
For insecticide resistance management FARMALINX GROUP 6A INSECTICIDE
ENERGISE Insecticide is a Group 6A insecticide. Some naturally occurring insect biotypes resistant to FARMALINX ENERGISE Insecticide and other Group 6A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if FARMALINX ENERGISE insecticide or other Group 6A insecticides are used repeatedly. The effectiveness of FARMALINX ENERGISE Insecticide on resistant individuals could be significantly reduced. Since the occurrence of resistant insects is difficult to detect prior to use, FARMALINX Pty Ltd accepts no liability for any losses that may result from the failure of FARMALINX ENERGISE Insecticide to control resistant insects.
PRECAUTION
Re-entry Period: DO NOT allow entry into treated areas for 8 hours or until the spray has dried. If prior entry is necessary, wear chemical resistant gloves.
PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers. DO NOT apply under weather conditions or from spraying equipment which could be

GENERAL INSTRUCTIONS

MIXING
Add the required amount of ENERGISE to a partly filled spray tank then add the remainder of the water.

APPLICATION
ENERGISE is not systemic making good coverage essential - ensure thorough coverage of the crop. DO NOT apply by aerial application.
Brassica Vegetables: Apply ENERGISE in a minimum of 400 L water/ha.
Capsicums, Lettuce, Sweet Corn, Tomatoes: Ensure thorough coverage of the crop.
Grapes: Apply ENERGISE in a minimum of 250 L water/ha.

Mixing/Application - Grapes and Trellised Tomatoes
Dilute Spraying: Use a sprayer designed to apply high volumes of water up to the point of runoff and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of runoff. Avoid excessive runoff. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice. Add the amount of product specified in

the Directions for Use table for each 100 L of water. Spray to the point of runoff. The required dilute spray volume will change and the sprayer set up and operation may also need to be changed as the crop grows.
Concentrate Spraying: Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume. Determine an appropriate dilute spray volume (see Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate. The mixing rate for concentrate spraying can then be calculated in the following way:
EXAMPLE ONLY
1. Dilute spray volume as determined above: for example 1000 L/ha
2. Your chosen concentrate spray volume: for example 500 L/ha
3. The concentrate factor in this example is 2 X (ie. 1000 L ÷ 500 L = 2)
4. If the dilute label rate is 15 g/100 L, then the concentrate rate becomes 2 x 15, that is 30 g/100 L of concentrate spray.