READ SAFETY DIRECTIONS BEFORE OPENING OR USING

VectoPrime® FG

BIOLOGICAL LARVACIDE FINE GRANULE

ACTIVE CONSTITUENTS: 400 ITU/mg *Bacillus thuringiensis* subspecies *israelensis*, strain AM 65-52
1.0 g/kg S-METHOPRENE

For control of mosquito larvae in post flood applications

GROUP 7A 11 INSECTICIDE

Net Contents: 100g - 20kg

GENERAL INSTRUCTIONS

Application:
VectoPrime FG can be applied prior to flooding by tides, or at any larval stage after flooding by rain or tides, or in permanent water sites.

For Aerial and Ground Applications
Apply by properly calibrated aircraft or ground application equipment to ensure even coverage of all water bodies containing mosquito larvae.

Apply uniformly by aerial or ground conventional equipment. Avoiding drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather-related factors determine the potential for drift. The applicator and the treatment coordinator are responsible for considering all of these factors when making decisions.

INSECTICIDE RESISTANCE WARNING

GROUP 7A 11 INSECTICIDE

For insecticide resistance management VectoPrime FG is both a Group 7A and 11 insecticide.

Some naturally occurring insect biotypes resistant to VectoPrime FG and other Group 7A and 11 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if VectoPrime FG and other Group 7A and 11 insecticides are used repeatedly.
The effectiveness of VectoPrime FG on resistance individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Valent BioSciences accepts no liability for any losses that may result from the failure of VectoPrime FG to control resistant insects.

VectoPrime FG may be subject to specific resistant management strategies. For further information contact your local supplier, Sumitomo Chemical Australia representative or local agricultural department agronomist.

STORAGE AND DISPOSAL

VectoPrime FG must be kept in its closed, original, properly labelled container, well sealed and stored in a cool, dry and well-ventilated place. Product is stable for 2 years from date of manufacture when stored at 25 ± 3°C.

Shake contents into the applicator. Do not dispose of undiluted chemicals on site. 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.

SAFETY DIRECTIONS

May irritate the eyes. Avoid contact with eyes. Do not inhale. When opening the container and using the product, wear a disposable dust face mask covering mouth and nose, except when using the product by enclosed cabs or aerial application. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (ph: 13 11 26).

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet.

IMPORTANT NOTICE

These goods are to be used only for the purpose and as specified on the label, and are not suitable for any other purpose. To the fullest extent permitted by law, we do not accept or bear any liability on any basis for any loss, damage, cost or expense, arising in any way, directly or indirectly, in connection with the goods.

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THIS PRODUCT IS NOT CONSIDERED TO BE A DANGEROUS GOOD UNDER THE AUSTRALIAN CODE FOR THE TRANSPORT OF DANGEROUS GOODS BY ROAD OR RAIL	
In a Transport Emergency **Dial 000** **Police or Fire Brigade**	**SPECIALIST ADVICE IN EMERGENCY ONLY** **ALL HOURS - AUSTRALIA WIDE** **1800 024 973**

APVMA Approval No.: 82315/105416

DIRECTIONS FOR USE

RESTRAINTS:

DO NOT USE IN HIGHLY ENVIRONMENTALLY SENSITIVE AREAS, OR IN TIDEWATER OR MARINE HABITATS WHERE THREATENED OR ENDANGERED SPECIES ARE KNOWN TO EXIST.

DO NOT APPLY DIRECTLY TO TREATED, FINISHED DRINKING WATER RESERVOIRS OR DRINKING WATER RECEPTACLES WHEN THE WATER IS INTENDED FOR HUMAN CONSUMPTION.

PRIOR TO APPLYING TO AREA GRAZED BY LIVESTOCK, USERS MUST NOTIFY PRODUCERS OF WITHHOLDING PERIOD.

SITUATION	PESTS	USE	RATE	CRITICAL COMMENTS
Mosquito Habitats such as: Stagnant ponds and ditches; Freshwater swamps and marshes; Salt and freshwater lagoons; Salt marshes; Mangrove swamps; Estuarine areas; Woodland pools; Any natural water holding feature. For use in open water or where water is obscured by vegetation	Mosquito larvae (e.g. *Aedes, Anopheles, Culex* and *Ochlerotatus* spp.)	Post-flood Applications	1.4 - 11.2 kg/ha	Use 1.4 – 4.0 kg/ha against 1st – 4th instar mosquito larvae. Use 4.0 – 11.2 kg/ha when water is heavily polluted (e.g. sewage lagoons, animal waste lagoons), algae are abundant, and/or local conditions support mosquito development. Re-treat as needed based on local conditions.
		Applications prior to flooding by tides	10 - 20 kg/ha	VectoPrime FG can be applied prior to flooding by tides of mosquito larval habitats. Dry-down/re-flood capacity of VectoPrime FG depends on local conditions. Retreat as needed. Lower rates should be used when flooding will result in water <30cm deep, where water is clean and mosquito larva counts are low (<10/dip). Use 16 kg/ha when flooding will result in water >30cm deep, where vegetation and/or pollution are present and/or where mosquito larval counts are high (>10/dip). Higher rates may be required where water is likely to be heavily contaminated. Only use 20 kg/ha when the major target species is *Culex sitiens*.

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

OTHER LIMITATIONS: Users in NSW must comply with the 'Protection of the Environment Operations Act, 1997' and its subsequent amendments.

WITHHOLDING PERIODS:
NOT REQUIRED WHEN USED AS DIRECTED FOR LIVESTOCK DRINKING WATER TREATED WITH THE PRODUCT
IF THE PRODUCT IS APPLIED TO DRY SITES (PRIOR TO FLOODING OR RAINFALL) THEN THE FOLLOWING WITHHOLDING PERIOD MUST BE OBSERVED:
LIVESTOCK THAT GRAZE VEGETATION OR SOIL WITHIN 14 DAYS OF APPLICATION MUST BE PLACED ON CLEAN FEED FOR A PERIOD OF 21 DAYS PRIOR TO SLAUGHTER.