

V60035 CG

Biological Larvicide

(MASTER LABEL)

For Organic Production

ACTIVE INGREDIENT:

<i>Bacillus sphaericus</i> Serotype H5a5b, strain 2362	
Fermentation Solids, Spores, Insecticidal Toxins.....	2.7%
<i>Bacillus thuringiensis Subsp. israelensis</i> Serotype H-14, Strain AM65-52	
Fermentation Solids, Spores, Insecticidal Toxins.....	4.5%
OTHER INGREDIENTS.....	92.8%
TOTAL.....	100.0%

Potency: This product contains 50 BsITU/mg or 0.023 Billion BsITU/lb
Expiration Date: (Two years from date of manufacture).

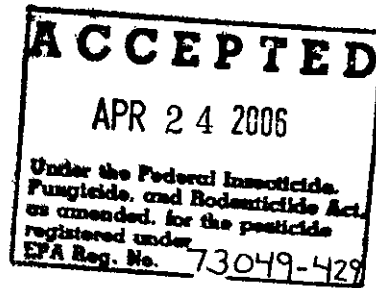
The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

KEEP OUT OF REACH OF CHILDREN
CAUTION

Valent BioSciences Corporation
870 Technology Way, Suite 100
Libertyville, IL 60048

EPA Reg. No. 73049-XX
EPA Est.

Lot No.



FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open, and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-315-9819 (24 hours) for emergency medical treatment and or transport emergency information. For all other information, call 1-800-323-9597.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

Mixers/loaders and applicators not in enclosed cabs or aircraft, must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters or rinsate. Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not contaminate water when disposing of equipment washwaters.

PESTICIDE STORAGE: Store in a cool, dry place.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

For Water Soluble Pouches, dispose of empty outer foil bag in trash.

DIRECTIONS FOR USE - V60035 CG

APPLICATION DIRECTIONS

MOSQUITO CONTROL

V60035 CG is a selective microbial insecticide for use against mosquito larvae in a variety of habitats. V60035 CG can be applied to areas that contain fish, other aquatic life, and plants. V60035 CG can be applied to areas used by or in contact with humans, pets, horses, livestock, birds, or wildlife.

I. For control of mosquito larvae species* in the following non-crop sites:

<u>Habitat</u>	<u>Rate Range</u>
Wastewater: Sewage effluent, sewage lagoons, oxidation ponds, septic ditches animal waste lagoons, impounded wastewater associated with fruit and vegetable processing.	5-20 lbs/acre**
Stormwater/Drainage Systems: Storm sewers, catch basins, drainage ditches, retention, detention, and seepage ponds.	5-20 lbs/acre**

Storm drains, catch basins, retention, detention,
and seepage ponds.

1 pouch/50 sq. ft.⁽¹⁾

Marine/Coastal Areas:

Salt marshes, mangroves, estuaries.

5-20 lbs/acre**

Water Bodies:

Natural and manmade aquatic sites such as lakes, ponds, rivers,
canals, streams, and livestock watering ponds and troughs.

5-20 lbs/acre**

Dormant Rice Fields:

Impounded water in dormant rice fields. (For application only during
the interval between harvest and preparation of the field for the next
cropping cycle.)

5-20 lbs/acre**

Waste Tires:

Tires stockpiled in dumps, landfills, recycling plants, and other
similar sites.

20-80 lbs/acre⁽²⁾

⁽¹⁾Treat on basis of surface area of potential mosquito breeding sites by placing one (1) V60035 Soluble Pouch for up to 50 square feet of treatment area. Re-apply as needed after 1 to 4 weeks.

⁽²⁾ .5-2 lbs/1000 sq. ft.

II. For the control of mosquito larvae species* in agricultural/
crop sites where mosquito breeding occurs.

Habitats:

Rice, pastures/hay fields, orchards, citrus groves, irrigated crops.

5-20 lbs/acre**

Apply uniformly by aerial or conventional ground equipment. Reapply as needed after 1-4 weeks.

*Mosquito species effectively controlled by V60035 CG:

Culex spp.

Aedes vexans

Ochlerotatus melanimon (*Aedes malanimon*)

Ochlerotatus stimulans (*Aedes stimulans*)

Ochlerotatus nigromaculis (*Aedes nigromaculis*)
Psorophora columbiae
Psorophora ferox
Ochlerotatus triseriatus (*Aedes triseriatus*)
Ochlerotatus sollicitans (*Aedes sollicitans*)
Anopheles quadrimaculatus
Coquillettidia perturbans

** Use higher rates (10 to 20 lbs/acre) in areas where extended residual control is necessary, or in habitats having deep water or dense surface cover.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and weather related factors determine the potential for spray drift. The applicator and the treatment coordinator are responsible for considering all these factors when making decisions,

NOTICE TO USER

To the fullest extent permitted by law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

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Sub Label A

For

Alternate Brand Name

V60035 Water Soluble Pouch (WSP)

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V60035 WSP
Water Soluble Pouches
Biological Larvicide

For Organic Production

ACTIVE INGREDIENT:

<i>Bacillus sphaericus</i> Serotype H5a5b, strain 2362	
Fermentation Solids, Spores, Insecticidal Toxins.....	2.7%
<i>Bacillus thuringiensis Subsp. israelensis</i> Serotype H-14, Strain AM65-52	
Fermentation Solids, Spores, Insecticidal Toxins.....	4.5%
OTHER INGREDIENTS.....	92.8%
TOTAL.....	100.0%

Potency: This product contains 50 BsITU/mg or 0.023 Billion BsITU/lb
Expiration Date: (Two years from date of manufacture).

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Lot No.

FIRST AID	
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If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 – 20 minutes. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-315-9819 (24 hours) for emergency medical treatment and or transport emergency information. For all other information, call 1-800-323-9597..</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through the skin. Causes moderate eye irritation. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters or rinsate. Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not contaminate water when disposing of equipment washwaters.

PESTICIDE STORAGE: Store in a cool, dry place.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

For Water Soluble Pouches, dispose of empty outer foil bag in trash.

DIRECTIONS FOR USE – V60035 WATER SOLUBLE POUCHES (WSP)

Once the foil bag containing Water Soluble Pouches is opened, use pouches within one day.

APPLICATION DIRECTIONS

MOSQUITO CONTROL

V60035 WSP is a selective microbial insecticide for use against mosquito larvae in a variety of habitats. V60035 WSP can be applied to areas that contain fish, other aquatic life, and plants. V60035 WSP can be applied to areas used by or in contact with humans, pets, horses, livestock, birds, or wildlife.

I. For control of mosquito larvae species* in the following non-crop sites:

<u>Habitat</u>	<u>Rate Range</u>
Drainage/Drainage Systems: Storm drains, catch basins, retention, detention, and seepage ponds.	1 pouch/50 sq. ft. ⁽¹⁾
<u>Treatment Areas (For Use In)⁽¹⁾:</u>	
Ponds	Bird baths
Lagoons	Fountains
Water gardens	Flower pots and planters

Drainage/Drainage Systems:

Storm drains, catch basins, retention, detention, and seepage ponds.

1 pouch/50 sq. ft.⁽¹⁾

Treatment Areas (For Use In)⁽¹⁾:

Ponds
Lagoons
Water gardens

Bird baths
Fountains
Flower pots and planters

Hollow trees and tree holes
 Urns
 Rain barrels
 Livestock watering troughs/ponds/tanks
 Irrigation ditches
 Roadside ditches
 Flood water
 Standing water
 Storm water retention areas
 Catch basins

Snow melt pools
 Abandoned swimming pools
 Unused swimming pools or spas
 Flooded basements
 Pool covers
 Gutters and drains
 Wheelbarrows
 Garbage cans and covers
 Discarded tires

Any location where water accumulates and remains standing for periods of time, except treated, finished drinking water for human consumption.

(1) Treat on basis of surface area of potential mosquito breeding sites by placing one (1) V60035 Soluble Pouch for up to 50 square feet of treatment area. Re-apply as needed after 1 to 4 weeks.

Longer periods of mosquito population suppression may result where sufficient numbers of non-target aquatic invertebrate parasites and predators are present since these are not affected by the product and contribute to mosquito population reduction.

*Mosquito species effectively controlled by V60035 WSP, including many of those known to carry/transmit West Nile virus:

- Culex* spp.
- Aedes vexans*
- Ochlerotatus melanimon* (*Aedes malanimon*)
- Ochlerotatus stimulans* (*Aedes stimulans*)
- Ochlerotatus nigromaculis* (*Aedes nigromaculis*)
- Psorophora columbiae*
- Psorophora ferox*
- Ochlerotatus triseriatus* (*Aedes triseriatus*)
- Ochlerotatus sollicitans* (*Aedes sollicitans*)
- Anopheles quadrimaculatus*
- Coquilletidia perturbans*

NOTICE TO USER

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Sub Label B

For

Residential Use Applications

V60035 CG

12 8 16

Sublabel B: Residential Use

V60035 CG
Biological Larvicide

For Organic Production

ACTIVE INGREDIENT:

<i>Bacillus sphaericus</i> Serotype H5a5b, strain 2362	
Fermentation Solids, Spores, Insecticidal Toxins.....	2.7%
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Fermentation Solids, Spores, Insecticidal Toxins.....	4.5%
OTHER INGREDIENTS.....	92.8%
TOTAL.....	100.0%

Potency: This product contains 50 BsITU/mg or 0.023 Billion BsITU/lb

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**KEEP OUT OF REACH OF CHILDREN
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Lot No.

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If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-315-9819 (24 hours) for emergency medical treatment and or transport emergency information. For all other information, call 1-800-323-9597.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment wash waters or rinsate. Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry place.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE – V60035 CG**APPLICATION DIRECTIONS****MOSQUITO CONTROL**

V60035 CG is a selective microbial insecticide for use against mosquito larvae in a variety of habitats. V60035 CG can be applied to areas that contain fish, other aquatic life, and plants. V60035 CG can be applied to areas used by or in contact with humans, pets, horses, livestock, birds, or wildlife.

For control of mosquito larvae species* in the following sites:

Mosquitoes**Treatment Areas (For Use In):**

Ponds	Standing water
Lagoons	Storm water retention areas
Water gardens	Catch basins
Bird baths	Snow melt pools
Fountains	Abandoned swimming pools
Flower pots and planters	Unused swimming pools or spas
Hollow trees and tree holes	Flooded basements
Urns	Pool covers
Rain barrels	Gutters and drains
Livestock watering troughs/ponds/tanks	Wheelbarrows
Irrigation ditches	Garbage cans and covers
Roadside ditches	Discarded tires
Flood water	

Any location where water accumulates and remains standing for periods of time, except treated, finished drinking water for human consumption.. Re-apply as needed after 1 to 4 weeks.

How to Apply

Directions for Bulk Granule:

Treats up to 2,178 square feet

Specific Directions:

Sprinkle 1 pound to cover 2,178 square feet.

(Sprinkle ½ pound per 1,089 square feet)

(Sprinkle ¼ pound per 544 square feet) (¼ pound = ½ cup = 4 ounces = 8 tablespoons)

(Sprinkle 1/8 pound per 272 square feet) (1/8 pound = ¼ cup = 2 ounces = 4 tablespoons)

Uniformly apply V60035 CG with a 1 - 4 week interval between applications. Longer periods of mosquito population suppression may result where sufficient numbers of non-target aquatic invertebrate parasites and predators are present since these are not affected by the product and contribute to mosquito population reduction.

*Mosquito species effectively controlled by V60035 CG, including many of those known to carry/transmit West Nile virus:

Culex spp.

Aedes vexans

Ochlerotatus melanimon (*Aedes malanimon*)

Ochlerotatus stimulans (*Aedes stimulans*)

Ochlerotatus nigromaculis (*Aedes nigromaculis*)

Psorophora columbiae

Psorophora ferox

Ochlerotatus triseriatus (*Aedes triseriatus*)

Ochlerotatus sollicitans (*Aedes sollicitans*)

Anopheles quadrimaculatus

Coquillettidia perturbans

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Optional Label Claims

- Biological Mosquito Control
- Mosquito Biolarvicide Granule
- Highly selective microbial larvicide
- Highly selective microbial larvicide
- Targets mosquitoes in their breeding habitats
- Reduces the number of adult mosquitoes developing
- When ingested by mosquito larvae, V60035 prevents larvae from becoming (developing into) breeding, biting adults.
- When ingested by mosquito larvae, V60035 prevents the development of adults.
- Kills mosquito larvae upon ingestion.
- Kills mosquito larvae upon ingestion of Bsp toxins.
- Kills mosquito larvae upon ingestion by destroying the insect digestive tract.
- Kills developing mosquitoes (mosquito larvae) including those that may (are known to) transmit (carry) West Nile virus and other mosquito-borne diseases.
- Kills developing mosquitoes (mosquito larvae) including those that may (are known to) transmit (carry) West Nile virus, encephalitis, and equine encephalitis.
- Kills developing mosquitoes (mosquito larvae) including those that may (can) (are known to) transmit (carry) heartworm disease to dogs and cats.
- Apply in water where mosquitoes may breed; see label for specific use sites
- Easy to use
- (Quickly) Controls exposed mosquito larvae in (within) 24 hours
- Up to 4 weeks between applications
- Biodegradable components

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