

**CAPTURE[®] 240EC
Insecticide**

Liquid

FOR EMERGENCY USE ONLY

For sale and use only in British Columbia for the control of spotted winged drosophila on highbush blueberry from June 15th until August 31st, 2016

COMMERCIAL (AGRICULTURAL)

GUARANTEE: Bifenthrin and its trans isomer 240 g/L

REGISTRATION NO. 31396

PEST CONTROL PRODUCTS ACT



DANGER POISON

POTENTIAL SKIN SENSITIZER

NET CONTENTS: 3.76 L

**READ THE LABEL BEFORE USING.
KEEP OUT OF REACH OF CHILDREN.**

FMC Corporation
Agricultural Products Group
Philadelphia, PA 19103
1-800-331-3148

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN. POTENTIAL SKIN SENSITIZER.**
2. Fatal or poisonous if swallowed.
3. Harmful if inhaled. Avoid inhaling/breathing sprays.
5. Wash thoroughly after handling and before eating, drinking or smoking.
5. Wear long-sleeved shirt, long pants, chemical resistant gloves, shoes plus socks and goggles during mixing, loading, application, clean up and repair. Applicators using airblast equipment must wear either a respirator with a NIOSH approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH approved canister approved for pesticides.
6. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
7. Clean spray equipment thoroughly after use.
8. **DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.
9. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at www.croplife.ca.

DIRECTIONS FOR USE (See specific sections for each crop)

Application Instructions

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Spray Drift Precautions

All application equipment must be properly maintained and calibrated using appropriate carriers.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society

of Agricultural Engineers (ASAE S572.1) fine classification. Boom height must be 60 cm or less above the crop or ground.

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

DO NOT apply by air.

Buffer zones:

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop		Buffer Zones (metres) Required for the Protection of:			
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:	
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m
Field sprayer	Highbush blueberry		120	120	120	120
Airblast	Highbush blueberry	Late growth stage	75	65	75	65

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The airblast spray drift buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site. For field sprayer applications of this product, the spray drift buffer zones cannot be modified.

Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.

Spray should be released at the lowest height consistent with pest control.

Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.

Do not make applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of

an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

CROP-SPECIFIC RECOMMENDATIONS

HIGHBUSH BLUEBERRIES

CROP	PEST	DOSAGE		REMARKS
		g a.i./ha	mL product/ha	
Highbush blueberries	Spotted winged drosophila	72 - 108	300 - 450	<p>Apply by ground equipment using sufficient water to obtain full coverage of foliage. Use the higher rate when canopy is heavy and/or pest pressure is severe.</p> <p>Do not apply by air.</p> <p>Maximum 2 applications per season. Do NOT make applications less than 7 days apart. Apply when adult flies and/or ripening fruit are present (as determined by local monitoring). Apply CAPTURE 240EC in a minimum of 100 L of finished spray per hectare.</p> <p>Do not apply during the crop blooming period. Avoid spraying when bees are foraging in ground cover containing blooming weeds. To further minimize exposure to pollinators, refer to the complete guidance “Protecting Pollinators during Pesticide Spraying – Best Management Practices” on the Health Canada website (www.healthcanada.gc.ca/pollinators).</p> <p>Do not apply within 3 days of harvest.</p>

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and small wild mammals. Observe buffer zones specified under DIRECTIONS FOR USE.

TOXIC to bees. Bees may be exposed through direct spray, spray drift, and residues on leaves, pollen and nectar in flowering crops and weeds. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site.

Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

This product contains aromatic petroleum distillates which are toxic to aquatic organisms.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **Capture 240EC** contains a synthetic pyrethroid insecticide. Any pest population may contain individuals naturally resistant to **Capture 240EC** and other synthetic pyrethroid insecticides. The resistant individuals may dominate the pest population if this group of insecticides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

Where possible, rotate the use of **Capture 240EC** or other synthetic pyrethroid insecticides with different groups that control the same pests in a field.

Use tank mixtures with insecticides from a different group when such use is permitted.

Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.

Monitor treated pest populations for resistance development.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.

RESTRICTIONS AND LIMITATIONS

Crops appearing on the label may be rotated at any time. Wheat may be rotated 30 days following the final application of bifenthrin. For crops not appearing on the label (except wheat), they may be rotated 365 days following the final application of bifenthrin.

STORAGE

1. Store the leftover product in original tightly closed container.
2. DO NOT ship or store the product near food, feed, seed and fertilizers.
3. Store in cool, dry, locked, well-ventilated area without floor drain.

DISPOSAL

Recyclable Containers

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

Returnable-Refillable Containers

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

FIRST AID

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If inhaled: 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 centre or doctor for further treatment advice.

If in eyes: 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 centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

Contains petroleum distillate. Vomiting may cause aspiration pneumonia. Treat symptomatically.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.