

Bayer Environmental Science

SEVIN SL

CARBARYL INSECTICIDE LIQUID SUSPENSION

COMMERCIAL

**GUARANTEE: CARBARYL43% BY WT.
(CONTAINS 480 GRAMS CARBARYL PER LITRE)
Contains 1,2-benzisothiazolin-3-one at 0.02% as a preservative**

REGISTRATION NUMBER: 16653 PEST CONTROL PRODUCTS ACT



WARNING

POISON

**READ THE LABEL, DIRECTIONS FOR USE AND OTHER
PRECAUTIONARY STATEMENTS IN BOOKLET BEFORE USING**

**Bayer CropScience Inc.*
Suite 100 -3131 114th Street
Calgary, AB T2Z 3X2
Telephone: 1 888 283- 6847**

***Bayer Environmental Science
A Division of Bayer CropScience**

GROUP	1A	INSECTICIDE
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**IN CASE OF SPILLS, POISONING OR FIRE, TELEPHONE EMERGENCY
RESPONSE NUMBER 1-888-AVENTIS (283-6847) (24 HOURS A DAY)
DO NOT REMOVE BOOKLET FROM CONTAINER**

NET CONTENTS : 10 LITRES

SEVIN is a registered trademarks of Bayer AG.

SEVIN SL is a suspension of microfine SEVIN carbaryl insecticide in an aqueous medium. It readily disperses in water to form a spray which may be applied by air or ground equipment. **READ THIS LABEL AND USE IN STRICT ACCORDANCE WITH DIRECTIONS AND CAUTIONS.**

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

HARMFUL IF INHALED OR SWALLOWED. Avoid Breathing of Spray Mist. Do Not Take Internally. Avoid Contact with Skin and Eyes. Wear regular long-sleeved work clothing. Change to clean clothing daily. Wash hands and face before eating. Wash thoroughly after handling.

AVOID CONTAMINATION OF FOOD, FEED, WATER SUPPLIES, STREAMS AND PONDS.

BEE CAUTION: MAY KILL HONEYBEES IN SUBSTANTIAL NUMBERS. This product is highly toxic to bees exposed to direct treatment or residues on crops. Do not use when value of honeybees as pollinators is more important than insect control. Before applying, warn beekeepers to locate hives beyond bee flight range until one week after application or to take other equally effective precautions.

PLANT RESPONSE PRECAUTIONS: To avoid possible injury to tender foliage, do not apply to wet foliage or when rain or high humidity is expected during the next two days. SEVIN injures Boston ivy, Virginia creeper and Maidenhair fern. During early season, it may also injure Virginia and sand pines. Observe label instructions on apple thinning.

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.

FIRST AID INSTRUCTIONS

Contact with 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. Eye contact, 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. If swallowed, call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

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

TOXICOLOGICAL INFORMATION

NOTE FOR PHYSICIAN: SEVIN Carbaryl insecticide is a moderate, reversible, cholinesterase inhibitor. Atropine is antidotal. Do Not Use 2-PAM, opiates, or cholinesterase inhibiting drugs.

STORAGE

Store unused SEVIN SL in original container only, in cool, dry area out of reach of children and animals. Do not store in areas where temperatures frequently exceed 38°C.

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

DISPOSAL

1. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the provincial regulatory agency or the Manufacturer.

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.

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DIRECTIONS FOR USE

IMPORTANT: The directions on this label are based on tests and field experience relating to (a) effectiveness; and (b) possible injury to plants and animals; and (c) residues in food, meat and milk. Follow directions for most effective use.

SPRAY PREPARATION

TO ASSURE A UNIFORM PRODUCT, AGITATE, STIR OR RECIRCULATE ALL SEVIN SL CARBARYL CONTAINERS PRIOR TO USE. Remove oil, rust, scale, pesticide residues and other foreign matter from mix tanks and entire spray system. Flush with clean water.

Fill spray or mix tank with 1/2 to 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the required amount of SEVIN SL, and then the remaining volume of water. Include rinse water from container. Prepare only as much spray mixture as is needed on the day of mixing. MAINTAIN CONTINUOUS AGITATION DURING MIXING AND APPLICATION TO ASSURE A UNIFORM SUSPENSION. DO NOT STORE SPRAY MIXTURES OVERNIGHT.

COMPATIBILITY

SEVIN SL, when diluted with an equal volume of water, is compatible with a wide range of pesticides. It is not compatible with diesel fuel, kerosene, fuel oil or aromatic solvents. If compatibility of SEVIN SL with another product and the resulting plant response is unknown, it should be tested on a small scale. Curdling, precipitation, greasing, layer formation or increased viscosity are symptoms of incompatibility. WHEN PREPARING COMBINATION SPRAYS, FIRST ADD "SEVIN" SL TO AT LEAST AN EQUAL VOLUME OF WATER, MIX THOROUGHLY, AND THEN ADD COMBINATION PRODUCTS TO THE MIXTURE. DO NOT APPLY TANK MIX COMBINATIONS UNLESS YOUR PREVIOUS EXPERIENCE INDICATES THE MIXTURE IS EFFECTIVE AND WILL NOT RESULT IN APPLICATION PROBLEMS, EXCESSIVE RESIDUES OR PLANT INJURY.

Unstable under highly alkaline conditions. Not effective if used with alkaline materials such as Bordeaux, lime-sulfur and casein-lime spreaders.

AERIAL APPLICATION INSTRUCTIONS

- Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.
- Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appear for the specific use, this product cannot be applied by any type of aerial equipment.
- Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

USE PRECAUTIONS

- Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *Basic Knowledge Requirements for Pesticide Education in Canada: Applicator Core and Aerial Module*, developed by CAPCO.
- Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed.
- Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelterbelt) or aquatic habitat.

OPERATOR PRECAUTIONS

- Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.
- It is desirable that the pilot have communication capabilities at each treatment site at the time of application.
- The field crew and the mixers/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.
- All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

PRODUCT SPECIFIC AERIAL INSTRUCTIONS

- Read and understand the entire label before opening this product. If you have questions, call Aventis CropScience Canada Co. at 1-888-283-6847 or obtain technical advice from the distributor or your Provincial Agricultural Representative.
- On all crops, use sufficient spray volume to obtain thorough and uniform coverage. Calibrate spray equipment to deliver the required volume. The flow rate of SEVIN SL diluted 1:1 with water is similar to water. Use 50 mesh slotted strainers in spray system and behind nozzles. Avoid applications just before rainfall as poor insect control may result. To clean spray system after use, drain and flush with water.

IMPORTANT PRE-HARVEST AND GRAZING USE INFORMATION AND LIMITATIONS

Tolerances established under the Food & Drug Act permit the sale of crops bearing probable SEVIN residues when SEVIN is used in accordance with label directions. Pre-harvest and grazing use limitations are listed at the end of the directions for each crop use. Where no pre-harvest or grazing time limitations are stated, application can be made to the day of harvest and crops can be grazed without time delay if directions for use on the crop are followed. If SEVIN insecticide is used in accordance with label directions, forage and feed crops, including bean vines, carrot tops, hay, pea vines, and sugar beet tops, may be grazed or harvested for use as feed for dairy and meat animals without resulting in illegal residues in milk or meat.

INSECT CONTROL

Apply when insects or their damage appears. To maintain control repeat at 7 to 10 day intervals or as

necessary unless a shorter interval is specified below. Where a dosage range is indicated, use lower rate on young plants and early instars and higher rate on mature plants, advanced instars and adults. Thorough and uniform spray coverage is essential for effective control.

SEVIN SL does not control spider mites. If spider mites are a problem, use a registered miticide.

RESISTANCE MANAGEMENT

For resistance management, please note that Sevin SL Carbaryl Insecticide Liquid Suspension contains a Group 1A insecticide. Any insect population may contain individuals naturally resistant to this product and other Group 1A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but 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 Sevin SL Carbaryl Insecticide Liquid Suspension 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 Integrated Pest Management (IPM) program that includes scouting and record keeping and considers cultural, biological, and other chemical control practices;
- Monitor treated pest populations for resistance development.
- Contact the local extension specialist or certified crop advisors for any additional pesticide resistance-management and IPM recommendations for the specific site and pest problems in the area. For further information or to report suspected resistance, contact Bayer CropScience at 1-888-283-6847 or via the internet at www.bayercropscience.ca.

FORAGE, FIELD, CEREAL, VEGETABLE AND TOBACCO CROPS

Use at least 10 litres of finished spray per hectare for aerial application and at least 30 litres of finished spray per hectare for concentrate ground application. To prepare small volumes of spray, use 20 millilitres of SEVIN SL per 5 litres of water where rates of 2.5 litres per hectare are indicated in the tables below.

CROP	INSECT	L OF SEVIN SL /HA	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Alfalfa Barley Clover Oats Rye Wheat	Blister beetles Flea beetles Leafhoppers Three cornered alfalfa hopper	2.5 to 4.0	0 (alfalfa & clover)	Remove cattle from area while spraying. Apply when insects or their damage appear. Repeat in 7 to 14 days if necessary.
	Alfalfa caterpillar Armyworms Webworms	2.5 to 5.25	14 (barley, oats, rye & wheat)	

CROP	INSECT	L OF SEVIN SL /HA	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
	Grasshoppers	1.25 to 2.5		
Asparagus (Seedlings, Spears)	Asparagus beetle Cutworms (climbing)	2.5 to 6.4	1	Apply as a spray in sufficient water for full coverage. Apply when insects or their damage appear. Use the lower rate on young plants. Repeat at intervals of 7 to 10 days or as necessary. Do not treat more often than once every 3 days.
Beans	Mexican bean beetle	1.25 to 1.5	3	Use lower rate on young plants. Apply for full coverage when insects or damage appear. Repeat at intervals of 7 to 10 days or as necessary.
	Flea beetles Leafhoppers	2.5		
	Lygus bugs Stink bugs	5.25 to 6.4		
Beets Broccoli Brussels sprouts Cabbage Carrots Cauliflower Celery Chinese cabbage Dandelion Endive Horseradish	Fleabeetles Leafhoppers	1.25 - 2.5	1 (carrots) 3 (Broccoli, Brussels sprouts, cabbage, cauliflower, celery and kohlrabi)	Spray in sufficient water for full coverage. Use the lower rate on young plants. Apply when insects or damage appear. Repeat at intervals of 7 to 10 days or as necessary. To avoid possible injury on lettuce, do not apply when foliage is wet or when rain or excessive humidity is expected during the next two days.
Kale Kohlrabi Lettuce Mustard greens Parsley Parsnip Radish Rutabaga Salsify Spinach Swiss chard Turnip Watercress	Armyworms Corn earworm Diamondback moth (larvae) Imported cabbageworm Lygus bugs Meadow spittlebug Stinkbugs	2.5 - 5.25	7 (beet roots, horseradish, radish, rutabaga roots, salsify roots & turnip roots) 14 (beet tops, Chinese cabbage, dandelion, endive, kale, leaf lettuce, mustard greens, parsley, parsnip, salsify tops, spinach, Swiss chard, turnip top & watercress)	Apply for full coverage beginning when insects or their damage appear. Repeat at intervals of 7 to 10 days. To avoid possible injury on lettuce, do not apply when foliage is wet or excessive humidity is expected during the next two days.
Corn (field & sweet)	Corn earworm Northern corn rootworm (adults) European corn borer Fall armyworm	2.5 - 4.0	1	For larvae in whorls and for foliage feeders, treat the entire plant. Repeat as necessary. For insects attacking silks and ears, apply at intervals of 2 to 4 days starting when first silks appear and continuing until silks begin to dry. Three or more applications may be required depending on the severity of the infestation. Timing and good coverage are essential for effective control.
Cucumber Melons Pumpkins Squash	Cucumber beetles Cutworms (climbing) Flea beetles Leafhoppers Squash bugs	2.5	3	Apply for thorough coverage when insects or damage appear. Repeat at intervals of 7 to 10 days or as necessary. To avoid possible injury on tender foliage, do not apply when foliage is wet or when rain or excessive humidity is expected during the

CROP	INSECT	L OF SEVIN SL /HA	PRE-HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Eggplant Pepper Potato Tomato	Colorado potato beetle	1.25	1 (eggplant, pepper & tomato)	next two days. Apply for full coverage when insects or damage appear. Repeat at intervals of 7 to 10 days or as necessary.
	European corn borer Fall armyworm Tomato hornworm Tomato fruitworm	2.5 to 5.25	7 (potato)	Apply when insects or their damage appear. Use at least 225 to 275 L of water per hectare. Spray in a 25 to 30 centimetre band over the row.
	Stink bugs Tarnished plant bug	5.25 to 6.4		
	Cutworms (climbing)	100 to 125 mL per 300 metres of row		
Rapeseed (canola)	Flea Beetles	1.25	Seedling Application Only	
Tobacco	Tobacco Flea beetle	150 to 175 mL in 33 L spray volume per 100 m ²	0	IN PLANT BEDS: Apply when insects or damage appear. POST-PLANT TREATMENT: Apply in a 25 cm band over the row as a foliage spray. IN FIELDS: Use 500 to 1000 L spray volume per hectare. Use lower rate on young plants. Full coverage is essential. Begin treatment when larvae are small, repeat as needed. Avoid excessive application in bud of plant, as injury may result. If late applications are necessary, allow 3 days before priming or cutting.
	Cutworms	5.25		
	Flea beetles, Hornworms	2.0 to 2.75		

TREE FRUIT CROPS

For dilute sprays apply the specified dosage per 1000 litres of water. For concentrate and aerial sprays increase the concentration of SEVIN SL in the spray mixture to apply an amount per hectare equivalent to that in a dilute spray. The optimum spray volume will depend on tree size, density and stage of growth. Typical spray volumes per hectare range from 2000-3000 litres for dilute sprays, 300-1000 litres for concentrate sprays and 100-200 litres for aerial sprays. Do not exceed maximum label rate per hectare per application.

CROP	INSECT	LITRES OF "SEVIN" SL/1000 LITRES	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Apples Pears	Apple leafhopper Apple leafroller Codling moth Eyespotted bud moth Mealybug Redbanded leafroller (1 st brood)	1.2	7	To avoid undesired apple thinning, delay use until at least 30 days after full bloom.
	Apple maggot Eastern tent caterpillar Fruittree leafroller Green fruitworm Pearleaf blister mite Pear psylla Pear slug Pistol casebearer Plum curculio Redbanded leafroller (2nd brood) Rust mites Tarnished plant bug Tentiform leafminer Woolly apple aphid	2.3		Apply for full coverage as directed in your Provincial Spray Calendar. For optimum scale control apply when crawlers are present. For psylla control apply when eggs hatch or when young nymphs are present. For optimum maggot control apply at 10-day intervals.
Apricots Peaches	Cat-facing insects Codling moth European earwig European fruit lecanium Fruittree leafroller Lesser peachtree borer Oriental fruit moth Peach silver mite Peach twig borer Plum curculio Redbanded leafroller Scale insects	2.3	3 (apricots) 1 (peaches)	Apply for full coverage in normal spray schedules. For lesser peachtree borer spray limbs and trunk thoroughly. For scale insects apply when crawlers are present.
Plums Cherries	Codling moth Eastern tent caterpillar Oak leafhopper Prune leafhopper	1.7 to 2.0	1	Apply for full coverage in normal spray schedules. For scale insects apply when crawlers are present. For lesser peachtree borer thoroughly spray limbs and trunk area.
	Apple maggot Black cherry aphid Cherry fruitfly Cherry fruitworm Eyespotted bud moth Fruittree leafroller Lesser peachtree borer Mealy plum aphid Peach twig borer Plum curculio Redbanded leafroller Scale insects	2.3		

SMALL FRUIT CROPS

Recommended dosages refer to litres of SEVIN SL per hectare. The optimum spray volume will depend on plant size, density and stage of growth. Typical spray volumes per hectare range from 1000-3000 litres for dilute sprays, 300-1000 litres for concentrate sprays and 100-200 litres for aerial sprays. Do not exceed maximum label rate per hectare per application.

CROP	INSECT	LITRES OF "SEVIN" SL/1000 LITRES	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Blackberries Boysenberries Dewberries Loganberries Raspberries	Blackberry leafminer Japanese beetle Leafhoppers Leafrollers Rose stem girdler Spottedwinged raspberry aphid	5.25	7	Use 1000 to 2000 litres spray volume per hectare. Apply when insects or damage appears. Repeat at intervals of 7 to 10 days or as necessary.
Blueberries	Blueberry maggot Cranberry fruitworm Lecanium scale	4.0	1	Use 1200 to 1500 litres spray volume per hectare. Apply 3 weeks before harvest and repeat in 10 days or as necessary.
Cranberries	Blunt-nosed cranberry leafhopper Cranberry fruitworm Cutworms (climbing) Fireworms	6.4 to 7.6	1	Use 3000 litres spray volume per hectare. Apply during late bloom. Repeat as necessary at intervals of 7 to 10 days.
Grapes	Grape berry moth Leafhoppers	5.25 to 6.4	3	Use 2000 litres spray volume per hectare. Apply for full coverage when insects or damage appear. Follow local government recommendations for proper timing.
Strawberries	Meadow spittlebug Strawberry leafroller	2.5 to 5.8	1	Use 1000 to 2000 litres spray volume per hectare. Apply when insects or damage appears. Repeat at intervals of 7 to 10 days or as necessary.

TREES AND ORNAMENTALS

For dilute-spray ground applications to trees, ornamentals, woody plants and shrubs, apply the specified dosage per 1000 litres of water. For concentrate-spray ground applications, apply the specified dosage per hectare in sufficient spray volume to provide thorough coverage. To prepare small volumes of spray, use 12 millilitres of SEVIN SL per 5 litres of water where rates of 2.3 litres are indicated.

CROP	INSECT	LITRES OF "SEVIN" SL/1000 LITRES	SPECIFIC DIRECTIONS
Arborvitae Azalea Birch Boxwood Carnation Chrysanthemum Dogwood Elm Gladiolus Holly Hydrangea Juniper Lilac Maple Oak Pines Roses Zinnia	Bagworm Birch leafminer Blackvine weevil(Taxus weevil) Blister beetles Boxelder bug Boxwood leafminers Cankerworms Elm leaf aphid Elm leaf beetle Flea beetles Japanese beetle June beetles Lace bugs Leafhoppers Leafrollers Mealybugs Pine sawflies Plant bugs Psyllids Rose aphid Rose chafer Rose slug Scale insects Tent caterpillars Thrips (exposed) Willow leaf beetle	2.3 to 3.5	Spray in the early morning or evening. Repeat at intervals of 7 to 14 days. For scale insects, apply when crawlers are present. Some leaf injury may occur if treatments are made when tender foliage is wet or in the presence of prolonged high humidity. Do not use on Boston Ivy, Maidenhair fern or Virginia Creeper.

LAWNS AND RECREATIONAL AREAS

CROP	INSECT	SPECIFIC DIRECTIONS
Turf (Ornamental and Sports)	Ants Chinch bugs Cutworms (climbing) Earwigs Fall armyworm Fleas Leafhoppers Millipedes Mosquitoes Sod webworms	Apply 210 to 290 millilitres of SEVIN SL in 150 to 200 litres spray volume per 100 square meters of turf. Mow lawn and apply spray. Do not water for 2 days after treatment. Repeat in 2 to 3 weeks if necessary.
Turf	European Chafer*, Japanese Beetle* (suppression of population)	Where small areas of turf are being treated, apply 210 to 290 mL of SEVIN SL in 150 to 200 L spray volume per 100 m ² of turf. Alternatively, apply 210 to 290 mL of SEVIN SL in 1.5 to 3 L spray volume per 100 m ² of turf and irrigate following application to ensure movement of SEVIN SL into the root zone. Remove excessive thatch and irrigate 24 hours before treatment if soil is dry. Contact local agricultural representative for treatment thresholds and timing of application. *To optimize control of European Chafer and Japanese Beetle, apply SEVIN SL to the early instar stage of the grub.

Golf Course Turf	Leatherjackets (larvae of crane flies, Tipula paludosa, T. oleracea)	<p>Apply a single treatment of 200 mL of SEVIN SL in 150 to 200 L spray volume per 100 m² of turf. Mow golf course turf and apply spray. Do not water for 2 days after treatment. Alternatively, where small areas of turf are being treated, apply 200 mL of SEVIN SL in 1.5 to 3 L spray volume per 100 m² of turf and irrigate following application to ensure movement of SEVIN SL into the root zone. Remove excessive thatch and irrigate 24 hours before treatment if soil is dry.</p> <p>To ensure effective use of insecticide, monitor turf for the abundance of larvae of T. paludosa and T. oleracea. Treatment should be considered at densities at or above 270 larvae per m². To optimise control of leatherjackets apply SEVIN SL to late instar larvae. Contact local agricultural representative for treatment thresholds and timing of application.</p> <p>Do not allow public use of treated areas during applications or until sprays have dried.</p>
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POULTRY INSECT CONTROL

POULTRY	INSECT	SPECIFIC DIRECTIONS
Chickens Ducks Geese Partridges Pheasants Pigeons Turkeys	Lice Northern fowl mite And as a supplement to premise treatment for chicken mite, fleas, fowl tick.	<p>Use 1.2 litres of SEVIN SL per 100 litres of water. Apply 4.5 litres of spray per 100 birds.</p> <p>Do not apply to poultry within 7 days before slaughter.</p>

POULTRY ROOSTS AND BUILDINGS

POULTRY QUARTERS	INSECT	SPECIFIC DIRECTIONS
Roosts and Buildings	Bed bugs Fleas Chicken mite	<p>Use 1.2 litres of SEVIN SL per 100 litres of water. Apply 5 to 10 litres of spray per 100 square meters of wall, litter or roost surface. Force into cracks and crevices. Repeat as needed. Do not apply to poultry or poultry nest litter within 7 days before slaughter. Avoid contamination of eggs, feed and water troughs. Ventilate during treatment.</p>

LIVESTOCK INSECT CONTROL

LIVESTOCK	INSECT	SPECIFIC DIRECTIONS
Beef cattle Goats Hogs Horses Sheep	Fleas Hornfly Lice Winter tick	<p>Mix 1.2 litres SEVIN SL in 100 litres water (0.5% water suspension). Apply thoroughly to entire animal at rate of 4.5 litres of finished spray per head. Repeat as necessary, but not more often than twice weekly. For lice repeat at intervals of 14 to 18 days. Do not apply to livestock within 7 days before slaughter.</p>

LIVESTOCK	INSECT	SPECIFIC DIRECTIONS
Dairy cattle	Fleas Hornfly Lice Winter tick	<p>Mix 1.2 litres of SEVIN SL in 100 litres water (0.5% water suspension). Apply carefully along topline, sides and legs. Avoid direct application to underline and udder. Repeat if necessary, but not more often than twice weekly.</p> <p>Do not apply before milking. Wash udder thoroughly before milking. Do not contaminate milking utensils. Do not apply to livestock within 7 days before slaughter.</p>

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