

**MOUNTAIN PINE BEETLE  
GENERAL USE PESTICIDES  
REGISTERED IN SOUTH DAKOTA**

<b>COMPANY</b>	FMC Corporation	Control Solutions Inc.	FMC Corporation	United Phosphorous, Inc	FMC	United Phosphorous, Inc	Loveland Products, Inc	Control Solutions, Inc
<b>EPA REG. NO.</b>	279-3177	53883-189	279-3177	70506-209	279-3141	70506-6	34704-963	70506-6-53883
<b>TRADE NAME</b>	BaseLine Insecticide	Bifen XTS Insecticide/ Termiticide	Onyx Insecticide	UP-Star EC TT&O Termiticide/ Insecticide	Astro Insecticide	Tengard SFR-One Shot Termiticide	Covert Termiticide/ Insecticide	Martin's Permethrin SRF Termiticide/ Insecticide
<b>CHEMICAL FAMILY</b>	Pyrethroid Insecticide	Pyrethroid Insecticide	Pyrethroid Insecticide	Pyrethroid Insecticide	Pyrethroid Insecticide	Pyrethroid Insecticide	Pyrethroid Insecticide	Pyrethroid Insecticide
<b>ACTIVE INGREDIENT</b>	Bifenthrin	Bifenthrin	Bifenthrin	Bifenthrin	Permethrin	Permethrin	Permethrin	Permethrin
<b>HAZARD IDENTIFICATION</b>	<b>WARNING</b>	<b>WARNING</b>	<b>WARNING</b>	<b>WARNING</b>	<b>CAUTION</b>	<b>CAUTION</b>	<b>CAUTION</b>	<b>CAUTION</b>
<b>HUMAN HEALTH HAZARDS</b>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>
<b>SOME ENVIRONMENTAL HAZARDS</b>	Extremely toxic to fish & aquatic invertebrates; Do not apply or drift to crops/weeds where bees are actively foraging	Extremely toxic to fish & aquatic invertebrates; Highly toxic to bees	Extremely toxic to fish & aquatic invertebrates; Do not apply or drift to crops/weeds where bees are actively foraging	Extremely toxic to fish & aquatic invertebrates; Toxic to bees	Extremely toxic to fish and aquatic invertebrates; Highly toxic to bees	Extremely toxic to fish and aquatic invertebrates; Highly toxic to bees	Extremely toxic to fish and aquatic invertebrates; Highly toxic to bees	Extremely toxic to fish and aquatic invertebrates; Highly toxic to bees
<b>SOME OF THE USE RESTRICTIONS</b>	Do not apply by air. Do not use in greenhouses, nurseries; not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. Firewood is not to be treated.	Do not apply by air. Do not use in greenhouses or nurseries. Do not use on plants grown for sale or other commercial use, or for commercial seed production, or for research purposes. Firewood is not to be treated.	Do not apply by air. Do not use in greenhouses or nurseries. Do not use on plants grown for sale or other commercial use, or for commercial seed production, or for research purposes. Firewood is not to be treated.	Aerial application is prohibited. Application in greenhouses and nurseries is prohibited. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. Firewood is not to be treated.	Do not apply by air. Buffer zone requirement for aquatic habitats. Not for use on commercial fruit and nut trees.	Do not apply by air. Buffer zone requirement for aquatic habitats. Not for use on plants being grown for commercial sale, or on plants grown for seed production. Not for use on commercial fruit and nut trees.	Do not apply by air. Buffer zone requirement for aquatic habitats. Not for use on plants being grown for commercial sale, or on plants grown for seed production. Not for use on commercial fruit and nut trees.	Do not apply by air. Buffer zone requirement for aquatic habitats. Not for use on plants being grown for commercial sale, or on plants grown for seed production. Not for use on commercial fruit and nut trees.
<b>MOUNTAIN PINE BEETLE CROP/AREA OF TREATMENT</b>	For use on plants intended for aesthetic purposes or climatic modifications & being grown in interior plantscapes, ornamental gardens or parks, or lawns & grounds.	For use on plants intended for aesthetic purposes or climatic modifications & being grown in interior plantscapes, ornamental gardens or parks, or lawns & grounds.	For use on plants intended for aesthetic purposes or climatic modifications & being grown in interior plantscapes, ornamental gardens or parks or lawns & grounds.	For use on plants intended for aesthetic purposes or climatic modifications & being grown in interior plantscapes, ornamental gardens or parks or lawns & grounds.	Ornamental & Lawn Use (Greenhouses, interiorscapes & plantscapes, lawns, trees, & shrubs) Ornamentals and lawns in landscaped areas around residential, institutional, public, commercial & industrial buildings, parks, recreational areas & athletic fields.	Ornamentals, lawns, trees, shrubs, & vines in landscaped areas around residential, public, institutional, commercial & industrial buildings, and on plants intended for aesthetic purposes in interior gardens and plantscapes.	Ornamentals, lawns, trees, shrubs, & vines in landscaped areas around residential, public, institutional, commercial & industrial buildings, and on plants intended for aesthetic purposes in interior gardens and plantscapes.	Ornamentals, lawns, trees, shrubs, & vines in landscaped areas around residential, public, institutional, commercial & industrial buildings, and on plants intended for aesthetic purposes in interior gardens and plantscapes.
<b>TREATMENT TYPE</b>	Trunk spray to ornamental trees.	Trunk spray to ornamental trees.	Trunk spray to ornamental trees.	Trunk spray to ornamental trees.	Trunk spray to ornamental trees.	Trunk spray to ornamental trees.	Trunk spray to ornamental trees.	Trunk spray to ornamental trees.
<b>APPLICATION METHOD</b>	Spray	Spray	Spray	Spray	Spray	Spray	Spray	Spray
	Trunk spray preventative treatment.	Trunk spray preventative treatment.	Trunk spray preventative treatment.	Trunk spray preventative treatment.	Trunk spray preventative treatment.	Trunk spray preventative treatment.	Trunk spray preventative treatment.	Trunk spray preventative treatment.

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<b>COMPANY</b>	Loveland Products, Inc	Bayer Crop Science LP	Bayer Crop Science LP	Bayer Environmental Science	LESCO, Inc	PROKoZ, Inc	Bayer Crop Science	Bayer Environmental Science
<b>EPA REG. NO.</b>	34704-447	264-349	264-335	432-1227	432-1227-10404	432-1227-72112	264-316	432-1226
<b>TRADE NAME</b>	<b>Carbaryl 4L</b>	<b>Sevin brand 4F</b>	<b>Sevin brand RP4 Carbaryl Insecticide</b>	<b>Sevin SL Carbaryl Insecticide</b>	<b>Lesco Sevin SL</b>	<b>Sevin SL Carbaryl Insecticide</b>	<b>SEVIN 80 Solupak</b>	<b>Sevin 80 WSP</b>
<b>CHEMICAL FAMILY</b>	Carbamate Insecticide	Carbamate Insecticide	Carbamate Insecticide	Carbamate Insecticide	Carbamate Insecticide	Carbamate Insecticide	Carbamate Insecticide	Carbamate Insecticide
<b>ACTIVE INGREDIENT</b>	Carbaryl	Carbaryl	Carbaryl	Carbaryl	Carbaryl	Carbaryl	Carbaryl	Carbaryl
<b>HAZARD IDENTIFICATION</b>	<b>CAUTION</b>	<b>CAUTION</b>	<b>CAUTION</b>	<b>CAUTION</b>	<b>CAUTION</b>	<b>CAUTION</b>	<b>WARNING</b>	<b>WARNING</b>
<b>HUMAN HEALTH HAZARDS</b>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>	<a href="#">see Material Safety Data Sheet</a>
<b>SOME ENVIRONMENTAL HAZARDS</b>	Extremely toxic to aquatic invertebrates; Highly toxic to bees. <b>MAY KILL HONEY BEES IN SUBSTANTIAL NUMBERS</b>	Extremely toxic to aquatic invertebrates; Highly toxic to bees. <b>MAY KILL HONEY BEES IN SUBSTANTIAL NUMBERS</b>	Extremely toxic to aquatic & estuarine invertebrates; Highly toxic to bees. <b>MAY KILL HONEY BEES IN SUBSTANTIAL NUMBERS</b>	Extremely toxic to aquatic invertebrates; Highly toxic to bees. <b>MAY KILL HONEY BEES IN SUBSTANTIAL NUMBERS</b>	Extremely toxic to aquatic invertebrates; Highly toxic to bees. <b>MAY KILL HONEY BEES IN SUBSTANTIAL NUMBERS</b>	Extremely toxic to aquatic invertebrates; Highly toxic to bees. <b>MAY KILL HONEY BEES IN SUBSTANTIAL NUMBERS</b>	Extremely toxic to aquatic & estuarine invertebrates; Highly toxic to bees. <b>MAY KILL HONEY BEES IN SUBSTANTIAL NUMBERS</b>	Extremely toxic to aquatic & estuarine invertebrates; Highly toxic to bees. <b>MAY KILL HONEY BEES IN SUBSTANTIAL NUMBERS</b>
<b>SOME OF THE USE RESTRICTIONS</b>	<b>Ornamental trees &amp; plants:</b> Do not enter or allow others to enter treated areas until sprays have dried. <b>Restricted entry interval = 12 hours.</b> <b>Forested areas &amp; rangeland trees:</b> Do not allow public use of treated areas during applications or until sprays have dried.	Do not enter or allow others to enter treated areas until sprays have dried.	Do not allow public use of treated areas during applications or until sprays have dried.	<b>Ornamental Trees &amp; plants:</b> Do not allow public use of treated areas during applications or until sprays have dried. <b>Restricted entry interval= 12 hours</b> <b>Forested areas &amp; rangeland trees:</b> Do not allow public use of treated areas during applications or until sprays have dried.	<b>Ornamental Trees &amp; plants:</b> Do not allow public use of treated areas during applications or until sprays have dried. <b>Restricted entry interval= 12 hours</b> <b>Forested areas &amp; rangeland trees:</b> Do not allow public use of treated areas during applications or until sprays have dried.	<b>Ornamental Trees &amp; plants:</b> Do not allow public use of treated areas during applications or until sprays have dried. <b>Restricted entry interval= 12 hours</b> <b>Forested areas &amp; rangeland trees:</b> Do not allow public use of treated areas during applications or until sprays have dried.	<b>Forested areas &amp; rangeland trees:</b> Do not allow public use of treated areas during applications or until sprays have dried.	<b>Trees &amp; Ornamentals:</b> Do not allow public use of treated areas during applications or until sprays have dried. <b>Forested areas &amp; rangeland trees:</b> Do not allow public use of treated areas during applications or until sprays have dried.
<b>MOUNTAIN PINE BEETLE CROP/AREA OF TREATMENT</b>	Ornamental trees & plants -- roses, flowers, other herbaceous plants, woody plants, evergreens, & shrubs. <b>Trunk spray to ornamental plants.</b> Forested areas means forests, tree plantations, planted christmas trees, parks, rural shelter belts, rangeland trees.	Forested areas means forests, tree plantations, planted christmas trees, parks, rural shelter belts, rangeland trees.	Forested areas means non-urban forests, tree plantations, planted christmas trees, parks, rural shelter belts, rangeland trees.	Ornamental trees & plants -- roses, flowers, other herbaceous plants, woody plants, evergreens, & shrubs. <b>Trunk spray to ornamental plants.</b> Forested areas means non-urban forests, tree plantations, planted christmas trees, parks, rural shelter belts, rangeland trees.	Ornamental trees & plants -- roses, flowers, other herbaceous plants, woody plants, evergreens, & shrubs. <b>Trunk spray to ornamental plants.</b> Forested areas means non-urban forests, tree plantations, planted christmas trees, parks, rural shelter belts, rangeland trees.	Ornamental trees & plants -- roses, flowers, other herbaceous plants, woody plants, evergreens, & shrubs. <b>Trunk spray to ornamental plants.</b> Forested areas means non-urban forests, tree plantations, planted christmas trees, parks, rural shelter belts, rangeland trees.	Forested areas means non-urban forests, tree plantations, planted christmas trees, parks, rural shelter belts, rangeland trees.	Ornamental trees & plants -- (roses, flowers, other herbaceous plants), woody plants, evergreens, & shrubs in Commercial & residential areas and in Nursery Production areas. <b>Trunk spray to ornamental plants.</b> Forested areas means non-urban forests, tree plantations, planted christmas trees, parks, rural shelter belts, rangeland trees.
<b>TREATMENT TYPE</b>	Spray	Spray	Spray	Spray	Spray	Spray	Spray	Spray
<b>APPLICATION METHOD</b>	Effective as preventive treatment only. Trunk spray preventative treatment.	Effective as preventive treatment only. Trunk spray preventative treatment.	Effective as preventive treatment only. Trunk spray preventative treatment.	Effective as preventive treatment only. Trunk spray preventative treatment.	Effective as preventive treatment only. Trunk spray preventative treatment.	Effective as preventive treatment only. Trunk spray preventative treatment.	Effective as preventive treatment only. Trunk spray preventative treatment.	Effective as preventive treatment only. Trunk spray preventative treatment.

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<b>COMPANY</b>	Bayer Crop Science LP
<b>EPA REG. NO.</b>	264-333
<b>TRADE NAME</b>	<b>Sevin brand XLR PLUS Carbaryl Insecticide</b>
<b>CHEMICAL FAMILY</b>	Carbamate Insecticide
<b>ACTIVE INGREDIENT</b>	Carbaryl
<b>HAZARD IDENTIFICATION</b>	<b>CAUTION</b>
<b>HUMAN HEALTH HAZARDS</b>	<a href="#">see Material Safety Data Sheet</a>
<b>SOME ENVIRONMENTAL HAZARDS</b>	Extremely toxic to aquatic invertebrates; Highly toxic to bees.
<b>SOME OF THE USE RESTRICTIONS</b>	<b>Forested areas &amp; rangeland trees:</b> Do not enter or allow others to enter treated areas until sprays have dried.
<b>MOUNTAIN PINE BEETLE CROP/AREA OF TREATMENT</b>	Forested areas means non-urban forests, tree plantations, planted christmas trees, parks, rural shelter belts, rangeland trees. <b>Trunk spray to forested areas.</b>
<b>TREATMENT TYPE</b>	Spray
<b>APPLICATION METHOD</b>	Effective as preventive treatment only. Trunk spray preventive treatment.