

# VALE'S GREENHOUSE



*Quality Plants For The Chinook Zone*

301 - 3rd Street N.W., Black Diamond

933-4814

## EVERGREEN PROBLEMS

SPRUCE SAWFLY LARVA A small green caterpillar which eats young spruce needles. Well camouflaged, they are hard to spot, but appear in early June. Dust trees with rotenone when caterpillars are seen.

SPIDER MITES Attacks spruce and junipers. Barely visible to the naked eye, it sucks tree juices and causes brown dead patches, usually from the center of the tree. A good hosing with cold water is usually the best method of removal. If you are sure spider mites are present, spray with Mite Spray containing Kelthane.

PINE WEEVIL This larva causes die-back of the lead shoot on spruce trees. Once the damage is done, no control is effective as the insect has hatched and gone. If damage is evident in your area, use a preventative spray for boring insects in early May. (TOXIC MATERIAL - USE WITH CARE)

WINTER DAMAGE Newly planted evergreens are often victims of dehydration over the winter, caused by drying chinook winds or cold temperatures late in spring after growth has started. Prevention is provided by fall watering, wrapping in burlap, or spraying with Wilt-Pruf. If there are some burned needles in spring, trim them off neatly. Once the tree has become acclimated, you should have no more problems. CEDARS are not reliably hardy in the foothills.

DOG DAMAGE Dogs often use low growing evergreens as a urinal. Branches will yellow, then turn brown. Often a deep watering or an animal repellent will work.

PINE TREE NEEDLE DROP It is natural for Lodge-pole, Mugho or Jack Pine to drop some brown needles in the fall.

SPRUCE GALL APHID This causes unsightly pine-cone like galls on the tips of spruce branches. Once the gall has turned brown, the insect has gone and spraying is useless. Best prevention is to snip off any green galls you can find while the aphid is still inside and spray in early May with Borer Spray. (TOXIC MATERIAL - USE WITH CARE)



Normal Pine Needle Drop



Spidermite on Spruce



Spruce Gall Aphid



Spruce Sawfly



Winter Damage