

Application times refer to the Willamette Valley. The best times for treatment in other areas may vary.

Application time # 1. Last week of March or first week of April.

Apply a spray only if holly scale is a problem, but this application will give some control of other scale insects and holly bud moth.

Apply 2½ to 3% oil spray prepared from a light-medium or summer-type oil.

Application time # 2. The last week in April.

A spray applied at this time will control holly bud moth and partially control holly leaf miner. Holly bud moth eggs are hatching and holly leaf miner adults are emerging from pupae to lay eggs in leaves. Annual application of this spray will prevent build-up of soft scales. Some areas do not have bud moth and leaf miner, so a spray applied at Application Time # 3 is more practical for soft scale control.

Use diazinon or carbaryl (Sevin).

Application time # 3. Right after blossoming.

If holly leaf miner is a problem, a spray application at this time is needed in addition to Application Time # 2. It is also an effective time to control soft scale. Spraying can be delayed until Application Time # 4 if only a few scales are present and leaf miner is not a problem.

Use diazinon or carbaryl (Sevin).

Application time # 4. July 15 to August 21.

Lecanium scale is most effectively controlled at this time. Cottony camellia and soft brown scale can be controlled if a previous application has not been made. However, delay of soft scale control until this time may result in loss due to sooty mold.

Use diazinon or carbaryl (Sevin). Do not apply before July 15 because eggs of cottony camellia scale and lecanium scale will not have hatched.

SPRAY DILUTION CHART IN AMOUNTS PER 100 GALLONS OF WATER

Insecticide	Wettable powder	Emulsifiable liquid
Diazinon	3 lbs., 50%	4 pts., 50% E. C.
Carbaryl (Sevin)	1 lbs., 50%	

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