

APPLE, PEAR, PEACH, PLUM, CHERRY AND PECAN TREES - SOIL DRENCH

Limitations, Restrictions, and Exceptions

APPLE, PEAR, PEACH, PLUM, CHERRY AND PECAN TREES

For plants established in residential areas as ornamental plantings or as fruit/nuts for consumption.

INSECT PESTS CONTROLLED

Apple and Crabapple Pear, Common and Oriental: Aphids (except woolly apple aphid), Pear, Common and Oriental Japanese beetles, leafhoppers (including glassy-winged sharpshooter), leafminers, mealybugs, and San Jose scale

Peach, Plum and Cherry: Aphids, cherry fruit fly maggot, Japanese beetles, leafhoppers, plant bugs, San Jose scale and stink bugs

Pecan: Yellow pecan aphid, black margined aphid, pecan leaf phylloxera, pecan spittlebug, pecan stem phylloxera

Application Instructions

Timing of applications should coincide with vulnerable stages of the pests. The calendar schedules below are to be used as a guide to application timing but should not be considered a forecast or predictor for treating these insect pests. Consult your State Agricultural Extension Service agent for specific schedules and guidance for your local area. In addition, observe these guidelines for treating the following pests:

- Aphids: Make application when aphids first appear and before the leaves are rolled as a result of these pests.
- Leafhoppers: Make applications when leafhoppers first appear, during the nymph stage.
- Leafminers: Make two applications with intervals of 10 or more days. Make the first application soon after the petal fall is complete. A second application at the

same dosage 10 days later should be applied to the early instar larvae.

- Mealybugs: Thorough and uniform coverage is necessary.
- San Jose Scale: Make application when crawlers are present. Ensure complete spray coverage of the branches, stems and leaves.
- Spittlebug: Apply when spittle masses are present and as new generations develop.

For Apples and Pears: Apply full cover sprays after the petal fall is complete. Continue application until the target insects are controlled. Apply up to five (5) foliar applications per season and allow 10 or more days between insecticide applications. Allow seven (7) days between the final application and the apple or pear harvest.

For Peaches: Apply full cover sprays after the petal fall is complete. Continue application until the listed insects are controlled sufficiently. Use up to three (3) foliar applications per season. Allow at least 7 days between applications.

For Cherries and Plums: Apply full cover sprays after the petal fall is complete. Continue application until the target insects are controlled sufficiently. Apply up to five (5) foliar applications per season and allow 10 or more days between insecticide applications. Allow seven (7) days between the final application and the cherry or plum harvest.

For Pecans: Apply full cover sprays after the petal fall is complete. Continue application until the listed insects are controlled sufficiently. Use up to three (3) foliar applications per season. Allow at least 7 days between applications.

Soil Drench to Apple, Pear, Peach, Plum, Cherry and Pecan Trees

Dominion Tree & Shrub quickly dissolves in water allowing the insecticide to move through the soil into the root zone. Once in the roots, the insecticide moves up through the tree or shrub providing year-long insect protection. Dominion Tree & Shrub will also provide protection to new growth. Drench applications to individual trees will control aphids, borers, leafhoppers, lace bugs, mealybugs, scale insects, and other larvae as listed above.

For insect control, the insecticide must move throughout the tree or shrub. The time it takes to do this will depend on the size of the plant that is treated (one week to

three months for very large trees). For this reason, apply soil drenches 2-3 months before the expected pest infestation.

For best results, use this product as part of a preventative treatment program before insect damage occurs. Use one soil drench treatment per year during early spring to early fall.

Dominion Tree & Shrub can be applied anytime except when the ground is saturated or frozen. These conditions will make movement of the product down into the root zone difficult.

When applying this product during dry periods, generously water the tree or shrub the night before treatment.

Do not apply to soil that is frozen or waterlogged.

Trees that are already heavily infested may not survive due to the existing pest damage and the resulting stress.

Determining Amount of Dominion Tree & Shrub to Use

Measure the circumference (distance around the tree trunk) in inches at chest height or at 4.5 feet from the soil using a flexible tape. Or, measure the diameter of the tree trunk in inches at chest height or at 4.5 feet from the soil.

Mix 1 oz. of Dominion Tree & Shrub per inch of circumference of the tree trunk to one (1) gallon of water. Refer to the mixing chart below for the amounts of Dominion Tree & Shrub needed.

How to Apply

Apply the solution to the root zone as a band around the base of the tree. Apply one (1) gallon of solution in a circular band from the base of the tree outward for two (2) feet. For trees with trunk diameters more than 16 inches at chest height, apply two (2) gallons of solution in a circular band from the base of the tree outward for three to four (3-4) feet.

Do not irrigate immediately after a soil drench application. Depending on the size and vigor of the tree, the uptake period may vary from one week to three months for larger trees.

NOTE: The Directions for Use, or this chart for 1 quart containers may not describe the spray preparation beyond 32 fl. oz. per the EPA Label Review Manual Chapter 11.

Method

[Soil drench](#)

Rates

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Timings

[Aphids: When aphids first appear and before the leaves are rolled as a result of these pests.](#)

[Leafhoppers: When leafhoppers first appear, during the nymph stage.](#)

[Leafminers: Soon after the petal fall is complete.](#)

[San Jose Scale: When crawlers are present.](#)

[Spittlebug: When spittle masses are present and as new generations develop.](#)