

PECAN SPRAY CHART For Homeowners

ferti-lome

Natural
GUARD

Hi-Yield®

SPRAY PERIOD	SPRAY TO USE	TO CONTROL
Dormant [Jan.-Feb.]	<ul style="list-style-type: none"> •FL Fruit Tree Spray or Neem Oil •HY 55% Malathion •HY Dormant Oil or FL Horticultural Oil Spray 	Scab Prevention Phylloxera Gall (Suppression) Scale & Overwintering Aphids
Bud Break [March-New Terminal Growth 2" Long]	<ul style="list-style-type: none"> •FL Fruit Tree Spray •HY Zinc Sulfate 4 lb. Bag •HY 55% Malathion 	Downy, Spot Scab Rosette Prevention Leaf Casebearer, Sawfly, Phylloxera (Suppression)

See Care & Maintenance Section

Pollination [April-June]	<ul style="list-style-type: none"> ☀ •HY 55% Malathion or ferti-lome Borer, Bagworm, Tent Caterpillar & Leafminer Spray •FL Fruit Tree Spray •HY Zinc Sulfate 4 lb. Bag ☀ Repeat at 7 day intervals as needed 	Yellow Aphids, Webworms, Casebearer, Sawfly, Phylloxera, (Suppression) Scab, Brown Leaf Spot, Mites Rosette Prevention
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Water Stage of Pecan Kernel [July-August]	<ul style="list-style-type: none"> ☀ •HY 55% Malathion or ferti-lome Borer, Bagworm, Tent Caterpillar & Leafminer Spray •FL Fruit Tree Spray or NG Neem Oil ☀ Repeat at 7 day intervals as needed 	Case Bearer, Shuckworm, Pecan Weevil, Twig Girdler Sticky Shuck, Scab
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Dough Stage of Pecan Kernel [September]	<ul style="list-style-type: none"> •HY 55% Malathion or ferti-lome Borer, Bagworm, Tent Caterpillar & Leafminer Spray •FL Fruit Tree Spray or NG Neem Oil 	Black Aphid, Shuckworm, Pecan weevil, Shuckworm, Casebearer, Fall Webworm, Twig Girdler and Walnut Caterpillar. Scab, Mites
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•Use Hi-Yield "Spreader Sticker" with all your Insecticides & Fungicides•

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PECAN INSECTS

- **Aphids** - Small, soft bodied yellow, green or black insects on foliage. Produces sticky "Honeydew" and cause yellow blotches on leaves.
- **Hickory Shuckworm** - 3/8" white caterpillars, tunneling through shucks.
- **Mites** - Tiny arthropods in fine dusty webs. Feed on leaves making them look "Scorched".
- **Pecan Leaf Casebearers**- Caterpillars in 1/2" gray cases feeding on leaves in Spring. In Summer leaves will have small winding blotches.
- **Pecan Nut Casebearers** - 1/2" long olive green caterpillars. In early Spring they tunnel through new shoots. Later they will feed on nuts and be found in the shucks.
- **Pecan Weevil** - White grubs feed on the nuts in late Summer.
- **Phylloxera** - Galls on twigs, leaves and nuts.
- **Sawflies** - Light green caterpillar skeletonizes leaves in early Spring.
- **Scale** - Hard scale on twigs contain soft bodied, sucking insects.
- **Webworms** - Caterpillars produce large white webs around entire branches and feed on leaves.

PECAN DISEASES

- **Brown Leaf Spot** - Small reddish-brown to gray spots on undersides of leaves.
- **Downy Spot** - Downy, buff or greenish yellow lesions on leaves.
- **Rosette** - New leaflets small, yellow, crinkled and deformed. May have reddish spots and in leaves.
- **Scab on Leaves** - Olive spots on undersides of leaves.
- **Scab on Nuts** - Small Black, sunken or raised spots which may cover the entire shuck.
- **Sticky Shuck** - Large, shiny, black, sunken areas may cover 1/4 to 1/2 of shuck. Shuck will not shed.

CARE & MAINTANCE

- **At Bud Break** - Remove all dead twigs, limbs, leaves & nuts on the ground. Maintain a clean area to prevent insect & fungal problems.
- Use Hi-Yield "Spreader Sticker" with your Insecticides & Fungicides.
- ***Fertilization** - Apply ferti-lome "***Fruit Tree and Pecan Tree Food***" Just before or at "Bud Break" stage.
- Your Weevil & Casebearer insects will be your biggest challenge to insure a quality Pecan crop.
- Avoid drift from Zinc Sulfate to Apricot trees, due to possible defoliation.



FOR BEST RESULTS, APPLY INSECTICIDES & FUNGICIDES AS DIRECTED ON THE LABEL