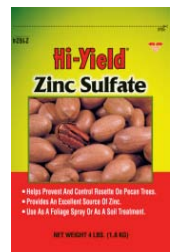


PECAN SPRAY CHART For Homeowners



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)
<p>*See Care & Maintenance Section*</p>		
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 ☀ <i>Repeat at 7 day intervals as needed</i> 	Yellow Aphids, Webworms, Casebearer, Sawfly, Phylloxera, (Suppression) Scab, Brown Leaf Spot, Mites Rosette Prevention
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 ☀ <i>Repeat at 7 day intervals as needed</i> 	Case Bearer, Shuckworm, Pecan Weevil, Twig Girdler Sticky Shuck, Scab
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



•Don't forget to use your HY Spreader Sticker! (Do not use with Neem, Horticultural or Dormant Oils)

PECAN SPRAY CHART For Homeowners

ferti-lome

Natural
GUARD

Hi-Yield[®]

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 corp.**
- **Avoid drift from Zinc Sulfate to Apricot trees, due to possible defoliation.**



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