

Pecan Pests

Insects

Yellow Pecan Aphid



Black Margined Pecan Aphid



Black Pecan Aphid



Asian Lady Beetle



Soil Applied Insecticides

- Most are **not** labeled for homeowner use
- Some are labeled for **ornamentals**

Pecan Stem Phylloxera



Hickory Shuck Worm



Hickory Shuck Worm (adult)



Black Light Trap (Bug Zapper)



Pecan Weevil



Pecan Weevil (adult)



Tedders Trap

Trees wrapped with pest barrier



Home Chicken Flock



Pecan Nut Casebearer



Stinkbug



Stink Bug Damage



Kudzu



Soybeans



Twig Girdler



Fall Webworm



Special thanks to Dr. Louis
Tedders for insect images.

More available at;

<http://www.forestryimages.org/browse/autimages.cfm?aut=174>

Pecan Diseases

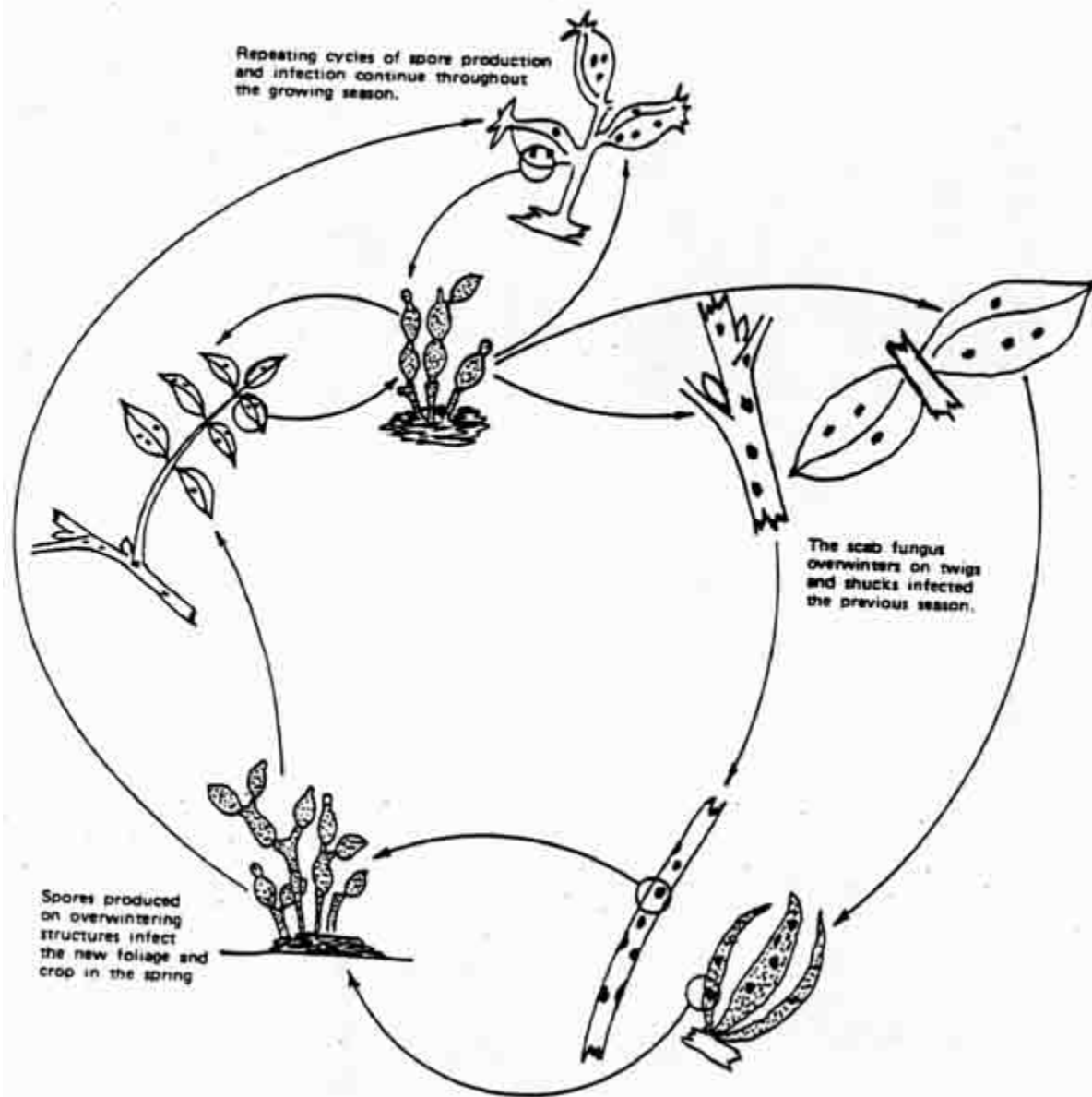
Pecan Scab (on nuts)



Pecan Scab (on foliage)



PECAN SCAB DISEASE CYCLE



Pecan Sprayer



Plant Resistant Cultivars!

- McMillian, Elliot, Sumner, Melrose, Excel
Carter, Gafford, Kanza, Syrup Mill, Lakota
Mandan, Tobacco Barn
- Keep orchard floor as clean as possible
- Thin crowded trees
- Improve air circulation around trees
- Move to New Mexico or West Texas

Powdery Mildew



Downy Spot



Nutritional Disorders

zinc deficiency



Nickel Deficiency



The Most Destructive Creature in the World



One Known Remedy



A good squirrel cat is worth her weight in gold!



Encourage Owls



Pecan Fertility

SOIL TEST!

Pecan Leaf Analysis

- Submit a 100 leaf sample to soil testing lab between July 7 and August 7. Results will tell you exactly what nutrients the tree is taking up from the soil and when used with a soil test report, can fine tune any fertility program.
- Cost is \$16.00 alone or \$20.00 with a soil test.

Nitrogen

For Mature Trees (>40 years old)

30 lbs ammonium nitrate or equivalent per tree. Apply half in March and the remainder in May or June.

In years of heavy crop load apply additional 5 lbs in September.

Soil pH

- Pecans need a soil pH between 6.0 and 6.5
- Natural pH in most of Alabama is lower than this.
- Soil Test to determine amount of lime to apply to soil.

Zinc

- Pecans need zinc, but zinc is a MINOR element. Only needed in trace amounts.
- Mature trees need 5 lbs of zinc about every 5-7 years, NOT EVERY YEAR!
- Tell Bucket Story

DO NOT APPLY LYE!
IT KILLS ROOTS

