

—insect report—

INSECTS OF ORNAMENTALS

MEALYBUG

(*Conchaspis angraeci*)

FLORIDA: Adults collected from umbrella tree (*Grassia actinophylla*) at nursery in Gainesville, Alachua County, September 18. This is a new county record.

GEOMETRID MOTH

(*Thysanopyga intractata*)

VIRGINIA: Larvae heavily damaged American holly in four counties, Northumberland, Prince George, Hanover, and Westmorland. These are new county records.

OAK LEFTIER

(*Croesia albicomana*)

WEST VIRGINIA: Egg survey for 1972 showed decrease since previous years. Expect 300,000 acres will sustain negligible to moderate defoliation in Pocahontas and Greenbrier County area.

ARMORED SCALE

(*Lecanodiaspis pruinosa*)

NEBRASKA: Survey of 5 Lincoln area (Lancaster County) parks indicated light to severe infestations on honey locust, hackberry, and American elm.

TREE INSECTS

NANTUCKET PINE TIP MOTH

(*Rhyacionia frustrana*)

VIRGINIA: Unusually severe damage reported to pine plantations and yard trees in Portsmouth area, Nansemond County during week of November 24. FLORIDA: Pupae heavy on 132 loblolly pine trees, *Pinus taeda*, at Gainesville, Alachua County November 10.

ORANGESTRIPED OAKWORM

(*Anisota senatoria*)

NEW JERSEY: Larvae completely defoliated several thousand acres of oaks in southern Ocean County. Present each summer in small scattered spots, this is largest single infestation ever noted in State.

OBSCURE SCALE

(*Melanaspis obscura*)

KANSAS: Heavy on bur oaks near Wichita, Sedgwick County. Overwintering nymphs averaged 400+ per square inch, many twigs and branches dead.

FALL WEBWORM

(*Hyphantria cunea*)

NEW MEXICO: Damage heavy on many shade trees in most of state. Larvae, a nuisance around households.

FOREST TENT CATERPILLAR

(*Malacosoma disstria*)

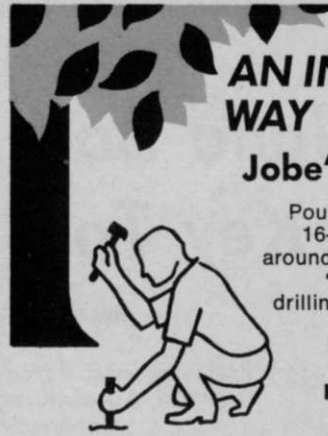
KENTUCKY: Larval defoliation 100 percent on some oak trees in Hopkins and McLean Counties. Increased defoliation expected. PENNSYLVANIA: Egg mass and first instar larvae found on sugar maple in Somerset County. Many sugar maples showing dead branches and limbs due to damage of past two years.

BENEFICIAL INSECTS

HONEY BEE

(*Apis mellifera*)

NORTH DAKOTA: Honey production by commercial apiaries (300 or more colonies) totaled 7,192,000 pounds in 1972; a 70-percent increase from 1971. This represents increase in number of colonies and yield per colony. Colonies totaled 58,000, five percent above 1971; an average yield of 124 pounds per colony is 61 percent above the average yield in 1971. Late summer rains resulted in good honey flow from sunflower and other late blooms.



AN INCREDIBLE NEW WAY TO FEED TREES!

Jobe's Tree Food Spikes

Pound these spikes of high-analysis 16-8-8 fertilizer into the ground around trees, and rain does the rest. "Nearly three times faster than drilling," states a leading university. Write us for details plus the university report.

INTERNATIONAL SPIKE, INC.
462 East High Street
Lexington, Kentucky 40508

For More Details Circle (130) on Reply Card

Auto hoe

"NO MORE BACK BREAKING LABOR"



HOEING WEEDS - MULCHING
CULTIVATING BETWEEN ROWS
AND PLANTS... SPADING...
TILLING

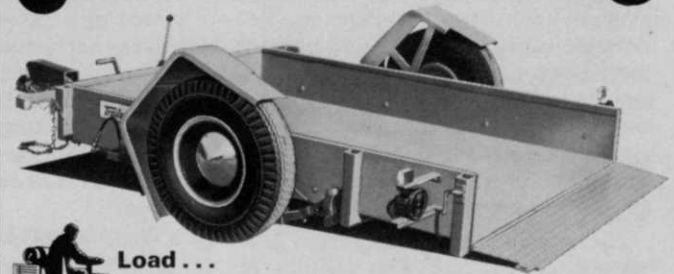
Self-propelled - User Designed
and Custom Built As A Hoe

Four models available... fully factory warranted... 30 day trial and time payment plan to enable you to join the thousands of others who own and are using Auto Hoe. Write today for FREE colored literature.

AUTO HOE INC. DE PERE,
34 WIS. 54115

For More Details Circle (122) on Reply Card

One Manhandling



Load...



Elevate...



Go...

It's easy with Trailelevator. The hydraulic elevating trailer that lowers to ground level for fast 'roll-aboard' loading—then lifts its own load to hauling position in just seconds. Handles loads up to 3,000 lbs.*; lifts and lowers without uncoupling from the towing vehicle. Standard trailer hitch quickly attaches to car, truck or tractor. Try a one-man Trailelevator. It'll make you a one-trailer man.

Magline, Inc., Pinconning, Mich. 48650, P.O. Box 202

*Other Models to 5,000 lbs.

Trailelevator
The Hydraulic Elevating Trailer

For More Details Circle (125) on Reply Card