

Trimmings

Research Impressive. Spent an enlightening day recently at Marysville, O., with Dick Bangs, who is an agronomist at Scotts. This visit was a first for me and the Scotts research program is far greater than I anticipated. Was especially impressed with their shade studies which encompass trials among forest type trees with varying degrees of sunlight. Their turf studies and fertilizer plots are extensive as expected but they also have some new basic research which will prove helpful in the industry. And if anyone is at all skeptical, that Windsor sod on concrete continues to thrive after three years. It receives Scotts Turf Builder and water as needed and looks better than anything around.

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A Real Pro. Met Tom Graham this month for the first time and found that he lives up to his reputation as a professional sprayman. He is a veteran pest control operator who started a new business in contract application some 20 years ago and has become one of the foremost in the business with his Industrial Weed Control Company, as well as maintaining his PC business. His contracts with industry are extensive and his record for maintaining capable, experienced and loyal employees is hard to beat. He has a profit-sharing plan patterned somewhat after that of Sears and his people get the job done. He is moving rapidly into aquatic weed control because of need and demand and foresees a big increase for this phase of weed control. We'll have a complete story shortly.

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Note for Bird Watchers. If a noted ornithologist is right in his belief that half the bird population has to die each year or serious overpopulation results, then we can quit worrying about the few which might be killed by chemical spraying. We read this heretofore unknown facet of birdlife with special interest, and in almost the same week, the fact that Ohio farmers alone suffer \$15 million yearly in crop damage from blackbirds. Changing land-use patterns by the citizenry is the greatest hazard to our birds, again quoting the same ornithologist.

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Licensing For Spraymen. About 35 states now require that spraymen be licensed and this proves to be extremely important to contract applicators who cross state lines as

business demands. We are putting together a round-up of state requirements for benefit of applicators and will feature it shortly. This past week, I spent the day with Freeman E. Biery, state regulatory agent in charge of the Kansas noxious weed program. He is typical of the state regulatory agency personnel who regularly appear before state legislatures to help guide and keep in perspective the constant demands for restrictive legislation regarding weed control. The scope of such activities is impressive and Kansas spraymen are fortunate to have a man of Biery's capabilities at this level of state government.

Insect Report

WTT's compilation of insect problems occurring in turfgrasses, trees, and ornamentals throughout the country.

Turf Insects

CHINCH BUG

(*Blissus leucopterus*)

Alabama: Heavy, damaged 2 St. Augustine grass lawns in Montgomery and Dallas Counties. **New York:** Still active in Nassau County lawns; bentgrass most affected.

LYGAEID BUGS

(*Blissus hirtus*)

Pennsylvania: Moderate to heavy in lawns of housing development in Venango County; problem past few years.

(*Nysius* sp)

Nevada: Migrating from vacant lots and rangelands into yards and buildings in Washoe and Douglas Counties.

GRASSHOPPERS

Illinois: Abundant in some roadsides, ditches, fencerows, and grass waterways. Some migration into corn, soybeans, and hay.

TWO-LINED SPITTLEBUG

(*Prosapia bicincta*)

South Carolina: Adults unusually numerous in Clemson area. Yellowing appearing and heavy damage imminent. Damaged 3 acres of Coastal Bermuda grass.

Insects of Ornamentals

ARMORED SCALES

Florida: *Fiorinia theae* found severe on all of 1,300 Chinese holly plants at Leesburg, Lake County, August 14. *Pseudanidia clavigera* found severe August 16 on 700 of 876 camellia plants at Springhead, Hillsborough County.

Tree Insects

COOLEY SPRUCE GALL APHID

(*Adelges cooleyi*)

Wyoming: Heavy on Colorado spruce at Laramie, Albany County; emergence of early August continues.

SOUTHERN PINE BEETLE

(*Dendroctonus frontalis*)

Virginia: No increase in beetle activity evident except in Mecklenburg County where 6 new infestations reported during July.

A LEAFHOPPER

(*Japananus hyalinus*)

Oregon: Late instars and adults common on ornamental maple at Corvallis, Benton County. Previously recorded in State from Portland only. This is a new county record.

LOCUST LEAF MINER

(*Xenochalepus dorsalis*)

Virginia: Moderate to heavy on locust trees in Montgomery, Roanoke, Botetourt, Bedford, and Campbell Counties.

GELECHIID MOTHS

(*Exoteleia nepheos*)

Michigan: Collected at Jenison, Ottawa County, for third known infestation in State. Noted at West Olive, Ottawa County, this summer and at Bellville, Wayne County, in 1966.

(*Recurvaria* sp.)

Minnesota: Heavily infested many spruce trees in home plantings and some in nurseries.

AN ARMORED SCALE

(*Fiorinia externa*)

Maryland: Found on hemlock planting near Chestertown, Kent County, August 19, 1968. This is a new county record.

FALL WEBWORM

(*Hyphantria cunea*)

New Mexico: Minor problem on shade trees at Santa Fe, Santa Fe County. **Wisconsin:** Caused slight damage to variety of trees in several counties. **Ohio:** Webbing common through central to eastern counties. Defoliation of various deciduous trees heavy this year. Larval numbers appear near seasonal peak.

ASIATIC OAK WEEVIL

(*Cyrtopistomus castaneus*)

Arkansas: Collected on trees and shrubs in Garland County July 22 for new State record. **Alabama:** Adults heavy and annoying about houses in Cleburne County; no damage to trees or shrubs.

Compiled from information furnished by the U. S. Department of Agriculture, university staffs, and WTT readers. Turf and tree specialists are urged to send reports of insect problems noted in their areas to: Insect Reports, WEEDS TREES AND TURF, 9800 Detroit Ave., Cleveland, Ohio 44102.