

Insect Report

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

TURF INSECTS

AN APHID

(*Phopalosiphum padi*)

CALIFORNIA: Heavy on grass and iris plants in Encanto, San Diego County.

GREEN JUNE BEETLE

(*Cotinis nitida*)

ALABAMA: This species and *Phyllophaga* spp. (white grubs) ranged 20-25 per square foot in Coastal Bermuda-grass in Cullman County.

A MAY BEETLE

(*Phyllophaga tristis*)

FLORIDA: First emergence of year noted in Gainesville area, Alachua County.

CHINCH BUG

(*Blissus leucopterus*)

KANSAS: Bunch grass samples collected in late February from 55 central and eastern counties. Total of 173 samples collected. Average number per square foot by district as follows: Northeast 0.89 (only in Riley County); east-central 14.0; southeast 17.3; north-central 0; central 67; south-central 95.6. Highest average counts above 100 per square foot by county; Morris 114 (range 0-4); Dickinson 222 (range 0-5); Marion 212 (range 0-5); Harvey 137 (range 0-150); Sedgwick 107 (range 0-21).

INSECTS OF ORNAMENTALS

A CHRYSAUGID MOTH

(*Galasa nigrinodis*)

VIRGINIA: Larvae on English boxwood light in Hanover County, medium in Charles City County, and light in Charlotte County.

A WALSHIID MOTH

(*Periploca nigra*)

CALIFORNIA: Heavy in juniper shrubs in Placerville, El Dorado County.

MINING SCALE

(*Howardia biclavis*)

FLORIDA: All stages severe on stems of undetermined number of 200 dombeya hybrids, *Dombeya* sp., at Miami, Dade County. This is a new Florida Department of Plant Industry host record.

TEA SCALE

(*Fiorinia theae*)

ALABAMA: Heavy increase of crawlers noted on camellia and holly. Averaged 25-75 per leaf on heavily infested plants. Many growers applying controls.

TREE INSECTS

ELM LEAF BEETLE

(*Pyrrhalta luteola*)

MICHIGAN: Taken in Wayne County.

SPRING CANKERWORM

(*Paleacrita vernata*)

MICHIGAN: Adults active in Muskegon and Ingham Counties.

FOREST TENT CATERPILLAR

(*Malacosoma disstria*)

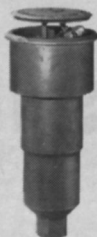
COLORADO: Egg survey indicates populations will be same as in 1968 in Fort Collins area, Larimer County.

A SOFT SCALE

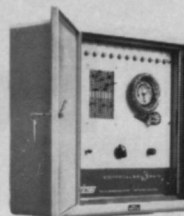
(*Toumeyella pinicola*)

CALIFORNIA: This species and *Phenacaspis pinifoliae* (pine needle scale) medium on Monterey pine in Oakland, Alameda County.

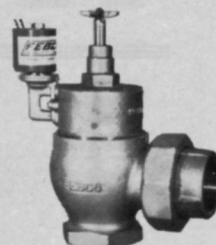
WEEDS TREES AND TURF, May, 1969



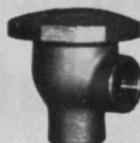
98 Sprinklers
1/2" - 1-1/2"



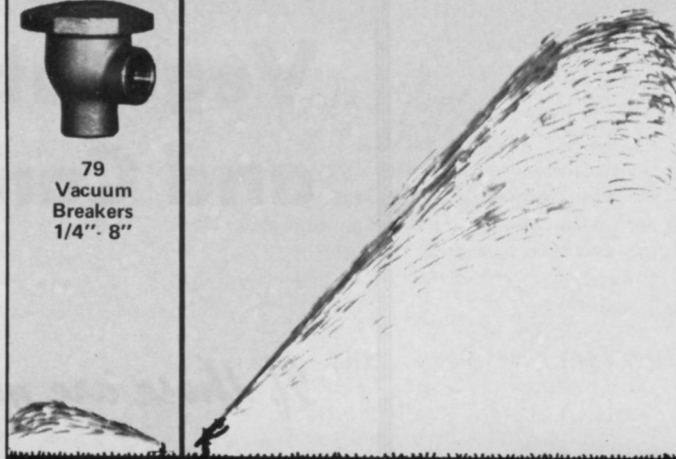
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WTT

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HELP WANTED

WANTED: Working foreman with knowledge of plant materials, intelligent, energetic; "new blood" for old established firm. Must be capable of running landscape jobs and co-ordinating maintenance. Fringe benefits. State experience, qualifications and salary required. Box 40, Weeds Trees and Turf, 9800 Detroit Ave., Cleveland, Ohio 44102.

EXCELLENT opportunity for recent two-year graduate in ornamental horticulture to assist in directing staff of 40 men engaged in construction and maintenance relating to general horticulture, golf course, greenhouses, woodlands, etc. Call or write, Greenrock Corporation, Poynter Hills, Tarrytown, New York 10591. Phone 914 631-4560.

Remington Arms Expands Service Center Network

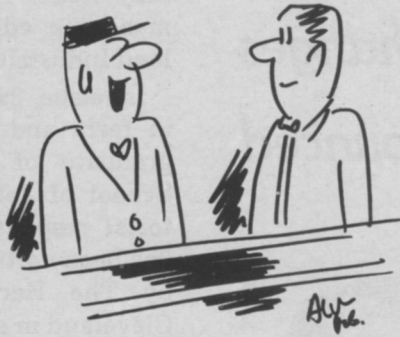
Remington Arms Company, Inc., Park Forest, Ill., is currently organizing a nation-wide network of Authorized Service Centers designed to improve maintenance on its complete line of chain saws.

Under the new system, centers selected for the program will be in direct contact with Remington's Park Forest headquarters by means of toll-free phone lines for rapid parts ordering or technical advice. A special feature of the service program is same-day prepaid parts shipment, according to the firm.

Herbicide Selector Chart

A new bulletin on industrial grass, weed and brush control has been published by Chapman Chemical Company of Memphis, Tenn. The four-page "Herbicide Selector Chart" simplifies the choice of herbicide for any type of vegetation control problem. For the 11 products listed, the following information is given: Chemical content and form (granular, pellet, liquid, etc.), type of control, when to use, rate of use, package size, equipment required, and results to be expected. Copies are available free by writing Chapman Chemical Company, P.O. Box 9158, Memphis, Tenn. 38109. Request Form Number 5001.

AL'S
WEED
CONTROL



"Well, everybody's paid up through 1960."

Ferguson Fumigants Offers New Gelled Soil Fumigants

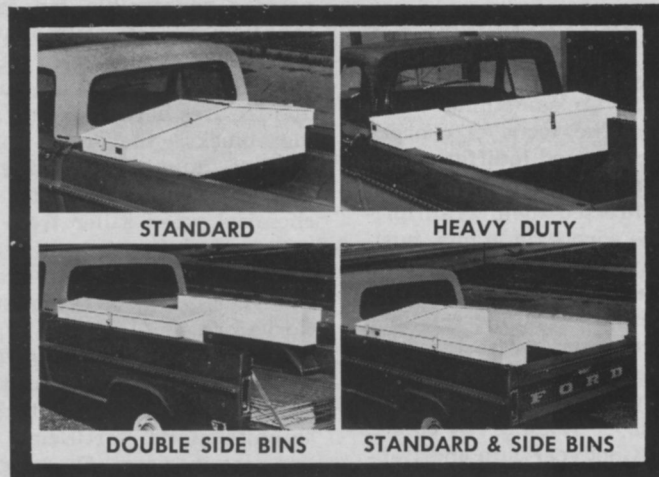
Dean Roy, Marketing Manager of Ferguson Fumigants, Inc., recently announced U. S. Department of Agriculture approval of Ferguson's two new gelled methyl bromide soil

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fumigants: ROTOX and ZYTOX.

Both formulations are effective without the use of the plastic sheet cover usually required for methyl bromide soil fumigation, Roy reported. Use of the formulations in jelly form makes it possible to retard, control and regulate volatility, he said. For specimen label copies or literature, circle (710) on the reader service card in the front of the magazine.

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Magazine Staff Changes Announced



Art Edwards

Gene Ingalsbe

A new editor for WEEDS TREES and TURF magazine began his duties with this May issue. He is Gene Ingalsbe, formerly managing editor of publications for Farmland Industries of Kansas City, Mo.

Ingalsbe, 39, has some 15 years' experience in farm and newspaper reporting. He is a graduate of the University of Missouri's School of Journalism. He assumes the editorial responsibilities of Art Edwards, who has been editing WTT since it was purchased by The Harvest Publishing Company of Cleveland in early 1967.

Edwards remains as Editorial Director and will devote more time and effort to market research and participation in the industry on both WTT and its companion magazine, PEST CONTROL.

Since WTT has become the property of The Harvest Publishing Company, circulation has been built from 10,000 to 33,000 on a controlled basis to serve the entire vegetation care and control phases of the non-crop horticultural industry.

Trimmings

CAMPUS ANTI-BUSINESS attitudes have become serious enough that three top industry leaders are attempting to do something about the problem. The focus of concern is business' presumed indifference to current social problems. While students have directed their wrath primarily at the corporate giants, businesses of all sizes and nature would do well to take note of the problem and to review their public relations efforts in the communities in which they operate. The industry leaders, H. D. Doan, president of Dow Chemical Company, Russell DeYoung, chairman of Goodyear Tire and Rubber Company, and Robert W. Galvin, chairman of Motorola, have established a dialogue with students through 48 campus dailies across the country. The executives are personally answering student charges in an attempt to bridge the apparent communications and credibility gaps with students.

* * *

PRESERVATION OF HISTORY isn't something you quickly think of as being a contribution of weed

killers. Nevertheless, a good example came to light recently. Those persons responsible for caring for the Roman Colosseum have noted that weeds had begun to inflict damage. Growing between the bricks and fissures between stone and marble blocks, the roots of weeds reached quite deep and expanded, causing some stones to split. A chemical weed killer from the U.S.—tested to be sure it would not stain the stones—was brought in this year to rescue the picture post-card arena.

Another enemy seems to be the motor car. Traffic vibrations are thought to have an effect on the amphitheater's artificial foundations set in water. Growing concern over slowing the deterioration of the Colosseum may hail back to the seventh-century philosopher who warned:

"While the Colosseum stands, Rome will stand. When the Colosseum falls, Rome also will fall. But when Rome falls, the world will also fall."

* * *

WHICH TO USE? liquid or dry fertilizer? Forget about the difference in effectiveness, advises Dr.

C. B. McCants, soil scientist at North Carolina State University. "My advice is to compare the two types of fertilizer on the basis of guarantee of the form and content of nutrients, cost, and convenience."

* * *

THE LASER, that amazing high-intensity light beam, may one day help you kill weeds. It has been fighting, with promising results, the toughies of the weed legions—those that clog ponds, waterways and ditches, such as alligator weed, water-hyacinth and watermilfoil. The U.S. Corps of Army Engineers is testing the laser to control water weeds at the Army Missile Command's Redstone Arsenal at Huntsville, Ala. The laser "not only destroys floating plants, but also kills those that are submerged by upsetting the enzyme systems inside the plants," says R. A. Scott, Jr., office of the Chief of Engineers. Yet the laser produces no harmful effects to fish, wildlife or water quality, says Scott. It is not dangerous to use, "although you could get a sunburn from it," he adds. The beam may be projected by equipment mounted on a boat or helicopter, he says.



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