

spread rapidly over a wide area pose a special problem. These areas should be treated in summer (July) with dalapon or amino triazole and then worked down two weeks later. Desirable grasses may be seeded in September.

If the area to be treated is of small size the grasses may be smothered out with tar paper or similar material. It takes one-half to two months to kill the grass plants.

Nutsedge Left Behind When Sod Is Stripped

Nutsedge, previously called nutgrass, is perennial in nature because of nutlets at the end of rhizomes. In sod production these nutlets are left behind when the sod is stripped and the plant then acts as an annual.

If the nutsedge is too thick in a sod field it can be controlled (not eradicated) with repeat treatments of DSMA (organic arsonate as listed for postemergence crabgrass). Use the rates indicated for mature crabgrass.

For wild garlic and onion, the most economical and efficient control is still 2,4-D applied as a spray in the early spring or late fall. The ester form is preferable. You might want to try treating with 2,4-D in wax bar form. This is certainly more convenient and control has been very good. Dicamba (Banvel-D) has also given very good control.

First problem with broadleaf weeds is to properly identify them, since weed species vary in susceptibility to herbicides. Send a sample in a plastic bag without added water to your local experiment station or extension agent.

There are also some excellent charts available from herbicide suppliers.

A selection of herbicides is available for broadleaf weed control. Choice of the proper one depends on which chemical will do the best job for the least money. For a great many weeds, 2,4-D would be an obvious choice because of cost. But for weeds such as chickweed, henbit, white clover or oxalis, 2,4,5-TP (silvex) is needed.

There are weeds that are resistant to both 2,4-D and 2,4,5-TP but are controlled by dicamba (Banvel-D). Knotweed, sheep sorrel, and spurge come under this category. A good all-around combination is 2,4-D plus Banvel-D at a rate of 1 lb. plus 1/4 lb. This combination should control most broadleaf weeds.

For a more comprehensive list of the reaction of weed species to various herbicides, see University of Maryland Fact Sheet 157, available from the Agronomy Department, College Park, Md.; USDA's Farmers' Bulletin No. 2183, *Using Phenoxy Herbicides Effectively*, available from your local county agent or Government Printing Office, Washington, D.C., for 15¢; or USDA's Home and Garden Bulletin No. 79, *Controlling Lawn Weeds With Herbicides*, available for 10¢.

Herbicide Timing Is Critical Factor

Timing is a very critical factor in the success or failure of an herbicide and schedules should be closely followed.

Even such a simple thing as preemergence applications of



Our well-known 5'4" model



and NEW 8' and 10' seeders

are not FREE ...but almost!

The savings on seed alone will often pay for your Brillion landscape seeder in just a few days of use. And that's only the beginning.

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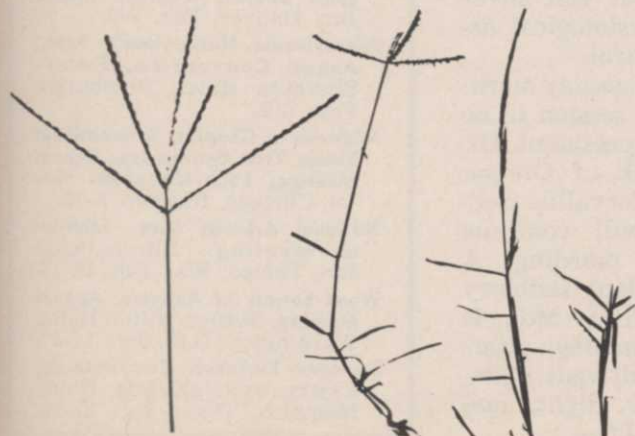
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Dept. LS-59-1, Brillion, Wis. 54110

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 New 10' Seeder
 New 8' Seeder
 Name of nearest Brillion dealer

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City.....
State..... Zip.....



Seedheads of three grasses troublesome to sod growers, as shown (left to right), are crabgrass, bermudagrass, and nimblewill.

crabgrass herbicides presents problems. These materials should be in the ground *before* crabgrass germinates, which means late March or early April in most cases.

In general, postemergence treatments are more successful when the plant is very young.

Rutgers Releases '66 Turf Research Report

Results of studies conducted at Rutgers University on various phases of turfgrass breeding and management have just been published. The 110-page report covers research in soils, fertilizers, weed control, turf diseases, nematodes, and insect problems.

Information was compiled by Rutgers' sizeable staff of research and extension personnel devoted to turfgrass studies. Sample titles: "Performance of Kentucky Bluegrass Varieties as Influenced by Fertility Level and Cutting Height"; "Response of Bentgrass Turf to Dicamba, Mecoprop, and Silvex Herbicides"; "1966 Recommendations for Insect Control on Turfgrass."

Liberalily complimented with charts and tables, this reference report, Bulletin 816, is available from the College of Agriculture and Environmental Science, Rutgers University, New Brunswick, N. J.

Perennial grasses become more resistant as they approach the heading stage.

In the broadleaf group, almost without exception there is a period early in the life of a plant when it is quite susceptible, but as the plant grows, forms cuticle on the leaves, and develops a strong root system, it becomes more difficult *and more expensive* to control.

Knotweed is an excellent example: In the early stage, 2,4-D does an excellent job of killing

it, but within two to three weeks it becomes resistant to 2,4-D and silvex is needed. If application is put off, dicamba becomes necessary and with each step the cost goes up.

Keep in mind that weed seeds will stay viable in soils for long periods of time, and if weed problems arise in a customer's turf, be prepared to discuss this fact as well as advise him on weed control methods. Don't hesitate to call on your local county or state extension service representative for publications and assistance.


You have a veritable arsenal of compounds available and I am sure you can find one to fit your program. Remember: Read the label. Observe all precautions and use herbicides wisely.

Panels Planned For WSA's Feb. Washington Conclave

Panels on Weed Control in Turf, Techniques and Equipment for Aquatic Weed Control, and Research Needs for Industrial and Right-of-Way Vegetation Control are planned for the Feb. 14-17 Annual Meeting of the Weed Society of America, at Washington D.C.'s Statler-Hilton Hotel.

Other sectional panels proposed include Herbicide Registration, and Progress in Absorption and Translocation Research and Practical Implications for Perennial and Woody Plant Control. Sectional meetings, covering all aspects of weed control in agronomic crops, horticultural crops, and noncrop situations, will also present data on latest developments in equipment and new herbicides, and will cover ecological and physiological aspects of weed control.

Program begins Tuesday morning with a general session to be opened by Society president, Dr. William R. Furtick of Oregon State University, Corvallis. Sectional meetings will continue through Thursday morning. A tour of USDA's Plant Industry Section at Beltsville, Md., is scheduled for Thursday afternoon. Delegates will visit Beltsville's ornamentals, light, and weed research facilities.



Meeting Dates

New York State Arborist's Assn., The Concord Hotel, Kiamasha Lake, N. Y., Jan. 15-17.

Rutgers Lawn and Utility Turf Course, Rutgers University, New Brunswick, N.J., Jan. 16-17.

Maryland Nurserymen's Assn., Annual Meeting, Washington Country Club, Gaithersburg, Jan. 17-18.

Rutgers Golf and Fine Turf Course, Rutgers University, New Brunswick, N.J., Jan. 18-20.

Ohio Chapter, ISTC, Annual Meeting; Ohio Nurserymen's Assn., Winter Meeting; and Ohio State University Short Course for Arborists, Turf Managers, Landscape Contractors, and Nurserymen, Sheraton Hotel, Columbus, Jan. 23-26.

Virginia Turfgrass Council, Hotel John Marshall, Richmond, Jan. 24-25.

California Weed Conference, Hilton Inn, San Diego, Jan. 24-26.

Southern Weed Conference, Jung Hotel, New Orleans, La., Jan. 24-26.

Illinois Custom Spray Operator's Training School, University of Illinois, Urbana, Jan. 25-26.

Rocky Mountain Regional Turfgrass Conference, Colorado State University, Fort Collins, Jan. 25-26.

Associated Landscape Contractors of America Annual Convention, Sheraton Dallas Hotel, Dallas, Tex., Feb. 1-4.

International Turfgrass Conference and Show, Washington Hilton Hotel, Washington, D.C., Feb. 5-10.

Oklahoma Agricultural Chemical Conference, 1st Annual Meeting, Oklahoma State University, Stillwater, Feb. 6-7.

Colorado Pesticide Applicators' Short Course, Western Motor Inn, Denver, Feb. 7-8.

Pennsylvania Nurserymen's Assn., Annual Convention, Penn-Sheraton Hotel, Pittsburgh, Feb. 7-9.

Midwestern Chapter, International Shade Tree Conference, Annual Meeting, Pick-Congress Hotel, Chicago, Ill., Feb. 8-10.

National Arborist Assn., Midwinter Meeting, International Inn, Tampa, Fla., Feb. 12-15.

Weed Society of America, Annual Meeting, Statler-Hilton Hotel, Washington, D.C., Feb. 14-17.

Southern Turfgrass Conference, Sheraton-Peabody Hotel, Memphis, Tenn., Feb. 27-28.

"Efficiency" Theme of Jan. Colo. Turf Confab

"Efficiency in Maintenance" is theme for the 13th Rocky Mountain Regional Turfgrass Conference, Jan. 25-26, at Colorado State University, Fort Collins, Colo.

Scheduled speakers and their topics include Wayne C. Morgan, turfgrass advisor, Los Angeles County, Calif., "Building Greens for Performance" and "Efficiency in Irrigation"; E. M. Wolcott, Jr., Climate Control Division, Singer Co., "New Ideas in Establishing and Maintaining Turfgrass"; Dr. John L. McKeever, management chairman, School of Business, Colorado State U., "Efficiency in Management"; Stewart G. Case, CSU community development specialist, "Recreation in the U. S. in the 1970's"; Roger Hansen, Colorado Open Space Coordinating Council, "Legislation for Professional Services' Consumer Protection"; and Dr. James R. Feucht, CSU horticulturist, "Problems Observed in Plant Maintenance."

Other CSU experts are also due to offer progress reports and discuss maintenance problems. Sponsors of the meet are the Rocky Mountain Regional Turfgrass Assn. and Colorado State University. C. M. Drage, extension horticulturist, Plant Science Building, Colorado State University, Fort Collins, Colo. 80521, is contact man. Expected to register more than 175 delegates, the turf meet immediately follows the Jan. 23-24 Colorado Nurserymen and Arborists Short Course and Convention.

Dixie Turfmen Meet in Feb.

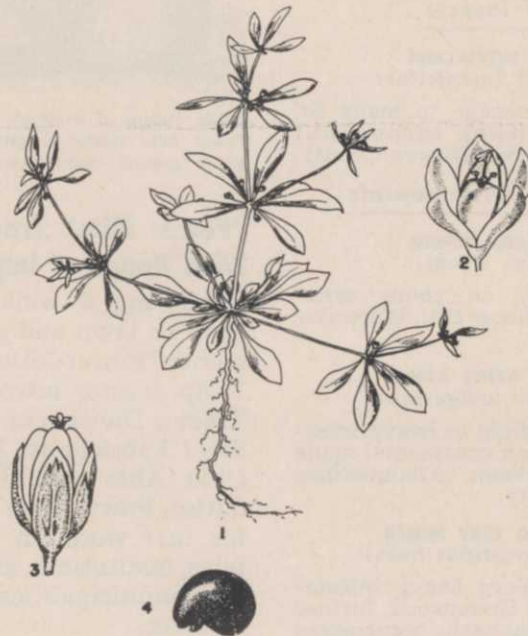
Leading turfgrass authorities from Arkansas, Florida, Georgia, Mississippi, Texas, and other states will address the annual Southern Turfgrass Conference, Feb. 27-28, at the Sheraton-Peabody Hotel, Memphis, Tenn.

"Building for the Future" is to be theme for the gathering, which is expected to attract between 350 and 400 southern turfmen. Additional details are available from Reg Perry, secretary-treasurer, Southern Turfgrass Association, P. O. Box 26305, Memphis, Tenn. 38126.

Know Your Species

CARPETWEED

(*Mollugo verticillata*)



A summer annual, carpetweed was introduced from South America and is also native to Africa. This plant is found in the eastern and middle western states, and south to Florida and Texas.

Carpetweed grows in gardens, lawns, croplands, and wastelands, and is especially common in sandy soils. From a slightly branched taproot, it grows along the ground creating a flat mat at the surface. It will quickly fill in surrounding bare soil.

(1) shows the spreading characteristics of the small plant. Whorled leaves grow in groups of 5 to 6 at each joint of the stem. Leaves are smooth and tongue-like.

Several small, white flowers (2) appear in each joint. Pod (3) has 3 sections, each containing numerous small, kidney-shaped seeds. Orange-red seeds (4) are flattened and have a small protuberance in the hollow.

The plant reproduces by seed and is a late starter, growing rapidly from July to September. Other names for carpetweed are Indian chickweed, whorled chickweed, and devil's grip.

Carpetweed frequently causes trouble in turfgrass; however, it can be effectively controlled with herbicides. Dicamba at 1/2 pound per acre, dicamba plus 2,4-D at 1/4 to 1 pound per acre respectively, mecoprop plus 2,4-D at 1 1/2 pound each per acre, and silvex at 1 1/2 pound per acre should all provide excellent control. Good control may also be obtained from 2,4-D at 1 1/2 pound per acre, and 2,4,5-T plus 2,4-D at 1/2 and 1 pound per acre.

Prepared in cooperation with Crops Research Division, Agricultural Research Service,
United States Department of Agriculture, Beltsville, Maryland

(DRAWING FROM NORTH CENTRAL REGIONAL PUBLICATION NO. 36, USDA EXTENSION SERVICE)

Insect Report

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

Turf Insects

A SOD WEBWORM (*Crambus luteolellus*)

Texas: Recent damage to many St. augustinegrass lawns throughout Corpus Christi area, Nueces County.

Insects of Ornamentals

PINE BARK APHID (*Pineus strobi*)

Maryland: Heavy on young ornamental pines at Snow Hill, Worcester County.

WOOLLY APPLE APHID (*Eriosoma lanigerum*)

New Mexico: Medium to heavy infestation reported on ornamental apple trees in downtown Albuquerque, Bernalillo County.

BOXWOOD LEAF MINER (*Monarthropalpus buxi*)

South Carolina: Very heavy infestation observed at Greenwood, further south than normal heavy occurrences in State.

Tree Insects

A BARK BEETLE (*Phloeosinus* sp.)

California: Heavy in Arizona cypress trees at Dos Palos, Merced County. Increasing buildup in northern areas.

SOUTHERN PINE BEETLE (*Dendroctonus frontalis*)

Alabama: Insects present in epidemic populations. **Louisiana:** Epidemic populations. **Mississippi:** Epidemic, also on Homochitto National Forest. **North Carolina:** Epidemic. **South Carolina:** Epidemic occurrence in Francis Marion National Forest. **Texas:** Unchecked in Big Thicket and Angelina Federal Districts. **Virginia:** Also epidemic populations.

AN OLETHREUTID MOTH (*Rhyacionia* sp.)

Florida: Severely infesting stems of 1,400 pine trees at Dade City, Pasco County.

OBSCURE SCALE (*Melanaspis obscura*)

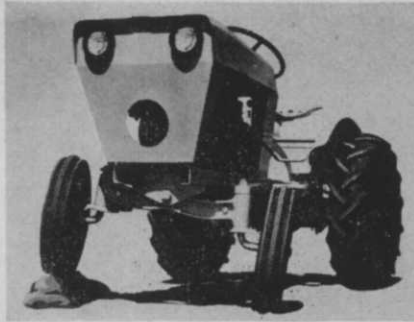
Maryland: Heavy on oaks in Silver Spring, Montgomery County.

YELLOW SCALE (*Aonidiella citrina*)

California: Reported heavy on English laurel trees in Sacramento, Sacramento County. Considerable buildup this year on shade trees and other hosts in this area.

MIMOSA WEBWORM (*Homadaula albizziae*)

Illinois: Collected from locust at Deerfield, Lake County, for new county record.



Wide range of available implements makes Power Mite tractor adaptable to suburban-estate ground maintenance and farm work.

"Power Mite" Tractor Has Wide Range of Implements

Offering a wide selection of farm or lawn and garden implements, "Power-Mite" is a versatile 10-hp. tractor introduced by the Tractor Division of United States Steel Fabricators, Inc., Orrville, Ohio. Able to tackle varied farm duties, Power Mite is also suited for turf work on suburban estates, institutions, airports, parks, and municipalities, U.S.F. announces.

Suburban-estate accessories available for the tractor include a full-size wagon, 60-in. snow blade, lawn roller, 48-in. rotary lawn mower, 5-gang reel mower, and snow thrower. Farm implements include a 10-in. plow, tandem disc, scarifier with cultivators, spring-tooth harrow, and irrigation pump with 1½-in. outlet. The tractor, engineered for use with either a gasoline or kerosene-gasoline mix fuel, is also available with an optional power takeoff drive.

Standard equipment on all Power Mite tractors features a 12-volt electric starting system, headlights, rear implement light, heavy-duty automotive-type 6-in. disc clutch, 3-forward-speed transmission, universal drive shaft, and forged alloy steel differential components. For complete specifications and catalog literature, write Tractor Manufacturing Division, United Steel Fabricators, Inc., Orrville, Ohio 44667.

Hydro-Mulch Book Out

"Facts About Hydro-Mulching," a 16-page illustrated booklet that discusses the advantages of this technique, has been newly

revised by Bowie Machine Works. With information on the company's hydro-mulching equipment and suggestions for the best northern and southern grasses for hydro-mulch planting, the brochure is available from the Bowie Machine Works, Inc., P. O. Box 630, Bowie, Tex.

Large Turnout Seen For Feb. Midwest Tree Meet

Attendance of about 500 professional arborists and others interested in trees is seen for the 22nd annual meeting of the Midwestern Chapter, International Shade Tree Conference, at the Pick-Congress Hotel, Chicago, Ill., Feb. 8-10.

Formal presentations will be supplemented by workshop sessions on tree taxonomy, physiology, basic entomology, and fundamentals of home landscaping. Also on the program are discussions on Reference Publications for Arborists, Current Insect and Disease Problems in the Midwest, Grounds Maintenance of Industrial Plants, Accident Prevention, and Problems in Municipal and Utility Arboriculture.

Throughout the meet, supplies and equipment for tree workers will be displayed. For further information on this big gathering, contact Noel B. Wysong, secretary-treasurer, Midwestern Chapter, International Shade Tree Conference, Route 2, Box 107-B, Golconda, Illinois 62938.

Betasan OK For Ornamentals

Stauffer Chemical Co.'s selective preemergence herbicide, Betasan, has received federal registration for use on 48 ornamental plants. Previously approved for all types of established grasses and dichondra in any stage of growth, Betasan is said to control crabgrass, goosegrass, Poa annua, barnyardgrass, and several annual broadleaf weeds.

Ornamentals the chemical is now registered for include pine, ivy, azalea, boxwood, juniper, and myrtle. Stauffer will provide WTT readers more detailed information. Address is 380 Madison Ave., New York, N. Y. 10017.

Classifieds

When answering ads where box number only is given, please address as follows: Box number, c/o Weeds Trees and Turf, 1900 Euclid Avenue, Cleveland, Ohio 44115.

Rates: "Position Wanted" 5c per word, minimum \$2.00. All other classifications, 10c per word, minimum \$2.00. All classified ads must be received by Publisher the 10th of the month preceding publication date and be accompanied by cash or money order covering full payment.

HELP WANTED

WEED CONTROL crew supervisor. Full-time mature man will work in north-eastern states fulfilling contracts for industrial weed control. Travel with crews necessary, ability to manage help, accept responsibility, basic mechanical knowledge of pumps. Advancement to executive possible. Salary, expense, transportation furnished. Firm established 1929. Send résumé including experience, personal data, education, marriage status to Jim MacLachlan, Abalene Spray Service, 1303 Lincoln Ave., Utica, N.Y. 13502; telephone AC-315+724-1556.

ARBORIST POSITION

Job opportunity available with a major electric utility company. College education in horticulture or arboriculture, with technical knowledge and practical experience in this field required. Excellent opportunities and liberal employee benefits.

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Personnel Department
Ohio Power Company
Canton, Ohio Telephone 455-8931

HELICOPTER APPLICATION. Need technical sales and service representative, prefer college or agricultural background to help in the "explosion" that is taking place in this new division of Ronson Corp. Age no barrier. Help us to exploit helicopter applications and service present work in local area. Write Ronson Helicopters, Inc., Mercer County Airport, Box 1386, Trenton, New Jersey.

POSITIONS AVAILABLE as working foremen for growing lawn service firm in New Jersey. Background in turf or supervisory experience necessary. Excellent salary and benefits with opportunity for advancement to a sales and management position. Send résumé to Tech-Turf, Inc., 1859-61 Springfield Ave., Maplewood, New Jersey 07040.

WANTED TO BUY

HIGH-PRESSURE sprayers, skid or truck mounted, prefer 500-1500 gal. tank capacity. Paul Kucik, 17207 Archdale, Detroit, Mich. KE 3-8589.

Classified Ads in

Weeds Trees and Turf Get Results

USE THEM!

Turfgrass Show Prepares To Pack Huge D.C. Hotel

With delegates expected to occupy more than 1,000 rooms in the huge Washington (D.C.) Hilton Hotel, final preparations are underway for the 38th International Turfgrass Conference and Show, Feb. 5-10.

Sponsored by the Golf Course Superintendents Assn. of America, the super-show will offer more than 20,000 sq. ft. of exhibit space, with the largest assemblage of turf gear ever put together. Along with demonstrations and workshops on equipment maintenance, seven educational sessions will be held during the six-day meet. Of particular interest to many WTT readers will be Tuesday morning's session, scheduled to present latest advances in turf research. A complete sod program has been set for Thursday afternoon.

Advance registration forms can be obtained by writing GCSAA headquarters, 3158 Des Plaines Avenue, Des Plaines, Ill., 60018. Requests for hotel reservations, however, should be directed to GCSAA Housing Bureau, c/o Washington Convention and Visitors Bureau, 1616 K Street N.W., Washington, D.C. 20006.

New Webworm Reported At Central Plains Turf Meet

A new sod webworm, which has been attacking Kansas buffalograss, was reported at the opening session of the recent 17th Central Plains Turfgrass conference at Kansas State University, by Dr. Hugh Thompson, KSU entomologist.

Unlike most webworms, this still-unidentified species tunnels as deep as 18 in. into the soil, leaving behind holes about 3/8 in. in diameter. As many as 66 caterpillars have been found in a cubic foot of soil. Full-grown larvae are unusually large, about 1 1/2 in. long. No insecticide tested has satisfactorily controlled this pest of buffalograss, which is widely used in southern Kansas for fairways, recreational areas, and lawns.

Advertisers

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Solo Industries, Inc.	Dec.
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Universal Metal Products	
The Vandermolen Co.	Dec.
Whitney Seed Div., W. R. Grace & Co.	Dec.

Officers of the Central Plains Turfgrass Foundation, conference sponsor, were also chosen for the coming year. Ellary Bennett, St. Joseph, Mo., is new president; Tom Andrews, Salina, Kans., becomes vice president; and Dr. Ray Keen, KSU professor of horticulture, remains as secretary-treasurer. Foundation directors are Cecil Miller, Lee's Summit, Mo.; Cedric Johnston, Wichita, Kans.; and Ross McCausland, Jr., Wichita.

Hub States Offers Knock-Out

"Knock-Out," a new weed killer with 2% bromacil has just been introduced by Hub States Chemical and Equipment Co.

Granular Knock-Out can be spread with a crank-operated distributor, or fertilizer-type spreader, or it can be spread by hand if desired. Recommended application rate is 1/2 to 2 lbs. per 100 sq. ft., depending on the type of weeds, amount of rainfall, and length of residual toxicity desired, the formulator claims. For further details, write Hub States Chemical and Equipment Co., 2002 North Illinois St., Indianapolis, Ind.

Solo 425 Hand Sprayer Is Lightweight, Compact

Plastic construction, reinforced by a steel frame molded into the unit, is a lightweight feature of the recently introduced Jet-Pak 425 hand sprayer from Solo Industries, Newport News, Va. The steel frame provides additional stability and safe balance, while overall weight is kept at 8 lbs.

Jet-Pak 425 is designed for use in gardens, patios, nurseries, forestry work, lawn grooming, and mosquito control. Solo recommends the sprayer for all plant protection spraying, and adds that the unit will take any liquid, including oil-based, water-based, and corrosive chemicals. Tank capacity is 4 gals. and tank pressure of up to 85 p.s.i. can be regulated by various spray jets. Discharge rate of the sprayer is 1 qt. per minute at 29 lbs.

Equipped with a flat, jet-spray nozzle and rapid shutoff lever, the 425 offers, as optional equipment, a double nozzle and a tree spray extension tube, which increases the sprayer's vertical reach from 12 ft. to 16 ft. Solo Industries, P.O. Box 1728, Newport News, Va., will send detailed data on the Jet-Pak 425 to those requesting it.

Vermeer Adds Truck-Mounted Tree Mover

A self-propelled, truck-mounted tree mover said to hydraulically scoop out trees, transport, and replant them has recently been added to Vermeer Manufacturing Co.'s line of tree moving equipment. According to the



Solo's 425 hand sprayer weighs just 8 lbs. Padded carrying straps are provided for comfortable operation.

Pella, Iowa, maker, the new truck-mounted model has all the features of Vermeer's earlier trailer-mounted unit, plus greater speed and mobility in tree removal and planting.

Both models will handle trees up to 7 in. to 8 in. in diameter, and are equipped with two hydraulically operated cutting cups that scoop out the tree ball, which is then hydraulically lifted from the hole and placed on the trailer or truck for transport to the planting site, where the tree is lifted hydraulically and set into the receiving hole.

The newer model mover is mounted on a modified truck chassis with full cab and power steering included. Additional details can be obtained by writing Carl Boat, sales manager, Vermeer Manufacturing Co., Pella, Iowa.



Vermeer's truck-mounted tree mover speeds hydraulic lifting and replanting of trees up to 7 in. to 8 in. in diameter.

Trimmings

Congratulations to Dr. John A. Meade (author of this month's Sod Industry Section) and the entire weed science group at Rutgers University's College of Agricultural and Environmental Science for the new "Rutgers Weed Science Notes." This four-page newsletter offers up-to-the-minute information on weeds and chemicals that should help to lighten the task of many in the field. First issue has an introduction and some notes on dichlobenil (Casoron), and on nutsedge and prostrate spurge, two weed problems on the increase. We're looking forward to receiving future numbers of Dr. Meade's "brainchild." We only wonder how the extension specialist, who has long been active in the Northeastern Weed Control Conference, finds time to contribute so much to the war on weeds.

* * *

The alligator and the skeleton. We did a quick double-take when we saw these together on the program for the coming California Weed Conference, thinking it might be a grisly parable of an alligator whose appetite got the best of him. They're weeds, of course, but it started us thinking of some others we'd like to see on a twin bill: duckweed and quackgrass; povertyweed and moneywort, or if that isn't poor enough, pennycress and beggarweed; poke-weed and speedwell; witchgrass and broomsedge; black nightshade and lanternplant; poison hemlock and liveforever; stinging nettle and porcupinegrass; brassbuttons and needleandthread; dragonhead and fireweed; spleenwort and madder; and for surgical interests, elephant's foot and goutweed, or boneset and black medic. Any others you'd like to see on the program?

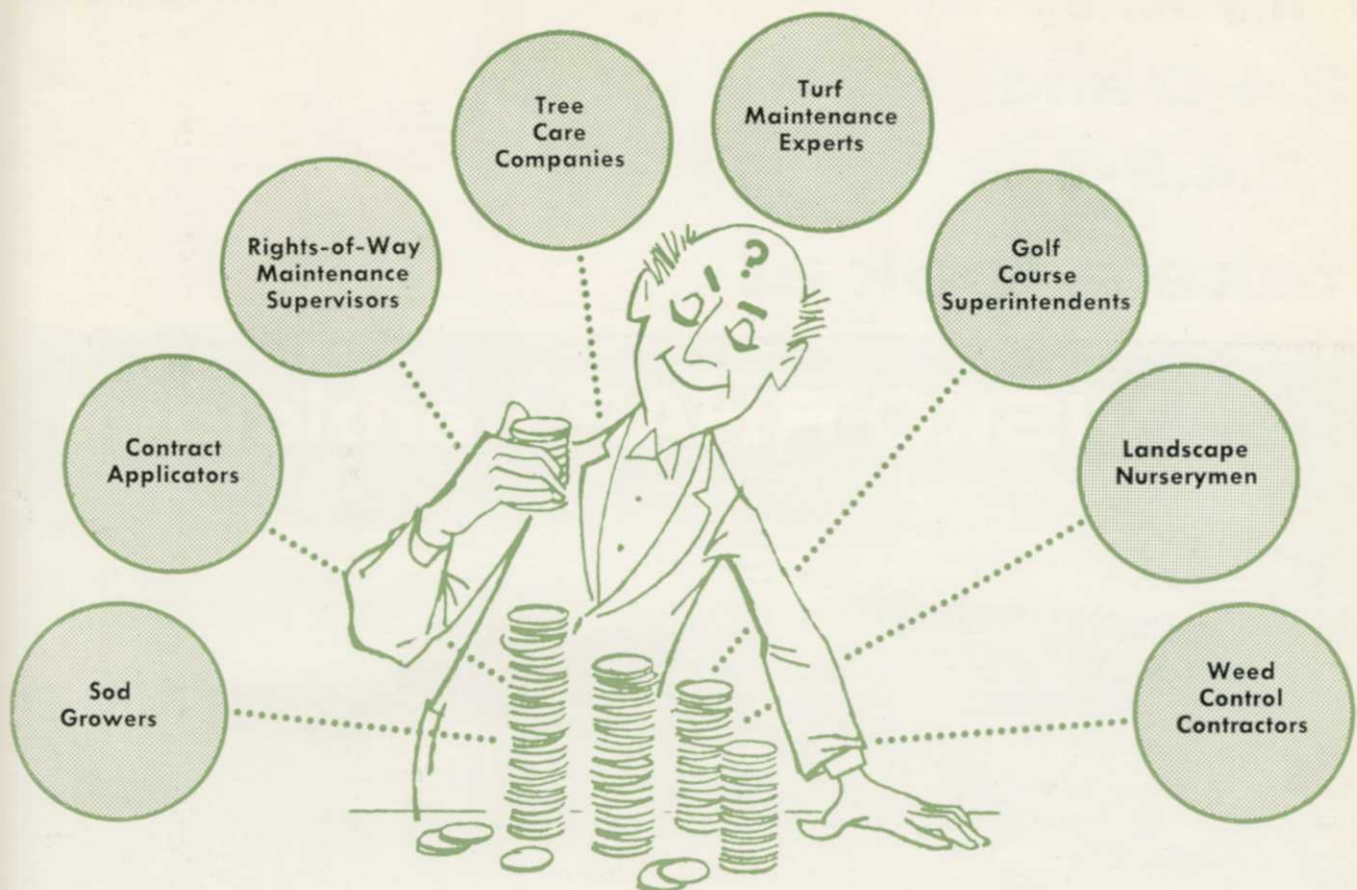
* * *

Speaking of busy men, as we were in the first item, our nomination for the busiest must also go to Dr. Lewis Chadwick, executive director of the International Shade Tree Conference, teacher, and researcher. He sends news of this month's Ohio State University Short Course for Arborists, Turf Managers, Landscape Contractors, Garden Center Operators, and Nurserymen. Quite a program is planned for specialists in these allied fields, and as usual, "Chad" is right in the thick of the activities. Lately, we've heard that plans are being laid for a research-scholarship fund in honor of his years of dedicated service. And a well-earned honor it will be.

* * *

Treeman dies. William P. Lanphear, Sr., longtime Cleveland arborist, who founded the Forest City Tree Protection Co. back in 1910, died recently. Lanphear was a member of both the National Arborist Assn. and the International Shade Tree Conference, and is survived by two sons, John and William, III. The latter was co-chairman for last year's ISTC Convention held in Cleveland.

Puzzled ?



Here's How to Sell the Multibillion Dollar Vegetation Maintenance and Control Market

If you manufacture or distribute equipment, herbicides, fungicides, insecticides, or any other product used in the multibillion dollar vegetation maintenance and control field, there is no more direct way to reach your customers and prospects than through the advertising pages of WEEDS TREES AND TURF. There's no waste circulation. WTT goes directly to the major buyers of these products in all the 50 states. It's read by contract applicators; tree service experts; landscape nurserymen; aerial applicators; golf course superintendents; supervisors for rights-of-way with highway departments, railways, utilities; those re-

sponsible for state and county weed and brush control, turf management and tree service; superintendents of large grounds (estates, industrial parks, military establishments, cemeteries, etc.); and the nation's prosperous sod growers. These buyers and users subscribe to *this*, their how-to-do-it, where-to-buy-it magazine, now in its 6th year, because WTT talks their language. Your advertising dollars sell harder and go farther in WEEDS TREES AND TURF. If you'd like full details, write us today and we'll send you one of our information-packed Market Fact Files by return mail.

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