## Try these Stauffer products, just fill out and mail this post-card insert



## I want detailed information on:

□ My nearest suppliers for Stauffer products

- □ Aspon<sup>®</sup> 6-E and 5-G insecticide for chinch bugs
- □ Betasan<sup>®</sup> 4-E and 12.5-G herbicide for greens and grounds
- Eptam® 5-G herbicide for sand traps
- Captan 50-WP fungicide for turf, trees
- Dyfonate® 5-G soil insecticide for turf
- Imidan<sup>®</sup> 50-WP insecticide for trees, shrubs

□ Vapam<sup>®</sup> liquid soil fumigant

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Address	
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# Here's help to maintain the beauty of your grounds!

Yes, reliable help. Economical help. Help against scores of different weeds, insects, and diseases that constantly threaten your greens, fairways, trees, shrubs and flowers. Help that comes from your supplier of all these Stauffer products.

Aspon® insecticide, the quick, long-lasting control for chinch bugs, devastating destroyers of turf. Usually just one application a season in the north, two in the south.

Betasan® herbicide, the sure preventive for crabgrass and goosegrass. Excellent for your campaign against poa annua in your greens. Not harmful to any of the permanent turf grasses.

Eptam® herbicide is the sure control for annual weeds in sand traps. Also controls persistent perennial weeds like nutgrass and quackgrass. Excellent for flower beds and shrubs, too.

Imidan<sup>®</sup> insecticide protects trees from destructive gypsy moth, elm spanworm, spring cankerworm and birch leaf miner. (Northeast only.)

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Vapam

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ASDON

Vapam<sup>®</sup> liquid soil fumigant cleans the soil of pests so you can replant grass, trees, and shrubs. Destroys weeds and their seeds, insects, nematodes and many fungous organisms. And you can replant without a long waiting period.

Dyfonate<sup>®</sup> soil insecticide, one of the newest effective controls for chinch bugs used by commercial operators in the southeast.

Captan fungicide is the reliable control at very low cost for brown patch, leaf spot, melting out and several other turf diseases.

Try these Stauffer products, liquid, granular and wettable powder forms, to protect beautiful grounds. For full information . . . just fill out and mail the post-paid card insert above. Stauffer Chemical Company, Agricultural Chemical Division, Dept. H.D., Westport, CT 06880.



Stauffer

Eptam

5.G

**Dyfonate** 

CAPTAN

Imidan.auffer

Betasan







The Chiba facility (top left) is quite large. Here the U.S. duo discuss injection with Mr. Nishiyama (1) and Mr. Kikuchi. Later, they view an antiquated from of inject (top right) currently being used. Walt Money and Dale Dodds then visit the Manazuru Prefecture Park southwest of Tokyo (left). That's Dale on the right. They meet with Dr. Yonabayashi (above left), director of Chiba Prefecture Forestry Exp. Sta., and Mr. Kikuchi, president of Maruwa Boussan Co.

## **Mauget Tree Injection Officials Visit Japan**

The manufacturer and a distributor of the J.J. Mauget Company recently toured selected parts of Japan to witness the results of tree injection.

Dale Dodds and Walter Money, Guardian Tree Experts. Inc., visited Tokyo in late 1973 to inspect tree injection of Japanese trees. Their host during the week tour was Mr. Kikuchi, president of Maruwa Boussan Co., a trading company in Tokyo, and his assistant Mr. Nishiyama.

Areas visited included the Emperor's palace garden, the Japanese department of agriculture, Chiba Prefecture Forestry Experimental Station north of Tokyo, and the Manazuru Prefecture Park.

"On a previous visit we had in-







## The cost of weeds is growing higher.

But it's one cost you can easily eliminate. Not just cut, but eliminate altogether.

## How?

Simply by calling in a Custom Applicator, a weed and brush control expert. He's listed under "Weed Control Service" in the yellow pages.

Ask him about spraying with KROVAR<sup>®</sup> I weed killer or HYVAR<sup>®</sup> bromacil weed killer.

Both kill most costly weeds with a single spraying each season. It's more economical than cutting weeds all season long. And more effective. And no longer will weeds grow to trap moisture that accelerates deterioration. No longer will rodents and other pests find weeds to nest in. No longer will weeds create fire and safety hazards. And no longer will weeds interfere with work.

Let a Custom Applicator eliminate weeds and their costs in one easy spraying.

Give him a call.



## **INDUSTRIAL HERBICIDES**



Gary Kobylski (r) discusses turf management with Dr. Ray Dickens, his advisor at Auburn University. He is the first Alabamian to be awarded the annual scholarship given by the Southern Turf Association.

## Alabama Student Wins Southern Turf Scholarship

W. Gary Kobylski, Tallassee, was recently awarded the annual academic scholarship given by the Southern Turf Association. A junior at Auburn University, he is the first Alabamian to ever receive the honor. The Southern Turf Association is a professional organization made up of persons in the turf grass industry. The Group is made up of ten southern states.

Upon graduation, Kobylski will become one of the first students to graduate in the new turf management curriculum offered through the department of agronomy and soils at Auburn. He is presently president of the University Agronomy Club, and plans a career in golf course management after graduation.

The son of Mr. and Mrs. Henry A. Kobylski, of Tallassee, Gary will receive his award at the annual convention of the Association, March 4, 5, and 6, in Memphis, Tennessee.

## MAUGET TREE

(from page 84)

jected several trees with Mauget products," says Dodds, "Our purpose was to determine if these trees had benefited from the treatment." "Of particular interest are the black pines in Manazuru Park," he said. "The Japanese are fearful of an insect problem in these historic trees. Tests with Injecticide are looking good."



## INTERESTED IN SAVING MONEY ON YOUR GROUND MAINTENANCE SUPPLIES FOR 1974?

## & HERE'S A SPECIAL OFFER: &

## You make a 1 year purchase commitment and we will guarantee to sell you at our 1973 prices.

Because of price increases this can add up to a substantial savings for you.

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The C.B. Dolge Co., Westport Conn. 06880 (203) 227-9591



Southern Subsidiary;

GOLTRA INC., DRAW "D" SALEM STA., WINSTON-SALEM, N.C. 27108 (919) 724-7419

For More Details Circle (141) on Reply Card



When answering ads where box number only is given, please address as follows: Box number, c/o Weeds Trees and Turf, 9800 Detroit Ave., Cleveland, Ohio 44102.

Rates: All classifications 50¢ per word. Box number, \$1. All classified ads must be received by Published the 10th of the month preceding pub-lication date and be accompanied by cash or money order covering full payment.

## HELP WANTED

SUPERINTENDENT OF MEMOR-IAL PARK A leading midwest cem-etery organization desires the seretery organization desires the ser-vices of a high calibre person with capabilities and standards that will justify earnings of \$15,000 to \$18,000 per year. The position requires the ability to hire, supervise and train personnel in handling the internment service, maintenance of turf, nursery, buildings and fleet equip-ment and in land development. Proven ability necessary in labor supervision and relations with the public. Close communication with management will provide the support necessary for success. Send hand-written resume', in detail, of the above mentioned subjects that would indicate your practical ex-perience. Box 114, Weeds, Trees & Turf, 9800 Detroit Ave., Cleveland, Ohio 44102.

#### GREAT OPPORTUNITY FOR THE MAN WHO LIKES TO BE HIS OWN BOSS!

National leader in tree service, operating from Maine to Florida, offers excellent opportunity in sales and management. Ability to work with public and personnel is important. Must be experienced in tree work or horticulture. Excellent starting salary, expenses and fringe benefits. Intensive training course and outstanding growth potential. Send resume of experience or educational background to:

### WILLIAM ECKHARDT BARTLETT TREE EXPERTS 2770 Summer Street, Stamford, Conn. 06905

PROGRESSIVE COLORADO Sod Farm seeking energetic, knowledg-able, and responsible personnel for: sod production, automated harvest-ing, landscape and sprinkler irriga-tion installation and design, maintenance and repair, and sales. Send complete resume to Don D. Schlup, Scien-Turf-ic Sod Farms, 7321 E. 88th Ave., Henderson, Colorado 80640.

### **HELP WANTED**

Position available for mature individual, with past operational experience, interested in organizing, developing and operating an ornamental shade tree and lawn division for a large, established New England Pest Con-trol company. As this new division grows, your promotional prospects and salary will grow, as we are an aggressive and expand-ing firm. Top management status will be given to the right person, with proven back-ground in horticulture, entomology, agronomy or related fields. College degree desirable. All replies confidential. Send resume to:

Send resume to: Box 116 Weeds, Trees and Turf 9800 Detroit Avenue Cleveland, Ohio 44102

DISTRIBUTORS for D. J. Andrews, Inc. stump cutter teeth, pockets and bolts. Best wholesale and retail price in U.S.A. Add to this exclusive area. local advertising at our expense, etc., and you have our story. D. J. An-drews, Inc., 17 Silver St., Rochester, N.Y. 14611. Call 716 235-1230, or 716 436-1515.

SALESMAN-SUPERVISOR for Tree Department B. S. plus minimum 5 years experience. Hospitalization, vacation, pension, company car, salary plus commission. Heyser Landscap-ing, Inc., 400 N. Park Ave., Norris-town, Pa. 19401.

PERSON TO SUPERVISE harvesting operations for large grower in Ohio. Duties include sales and ser-vice work. Reply giving details of experience and salary requirements to Box 110, Weeds Trees & Turf, 9800 Detroit Ave., Cleveland, Ohio 44102 44102.

## SEEDS

SOD QUALITY MERION SEED for discriminating growers. Also Fyl-

Of those surveyed, 88 percent

of WTT readers use wells and

lakes as the main water source

for golf course irrigation

king, Delta, Park, Newport, Nugget and Pennstar bluegrasses as well as fine fescues. We will custom mix to your specifications. Michigan State Seed Company, Grand Ledge, Michi-gan 48837. Phone 517 627-2164.

### POSITION WANTED

PENNSYLVANIA AND N.E.-Grad-uate horticulturist desires interesting and rewarding position. Fluent with fertilizer, sprays, plants, etc. Interested in garden center opera-tion. Reply to 115, Weeds, Trees & Turf, 9800 Detroit Ave., Cleveland, Ohio 44102.

HORTICULTURIST-eighteen years of diversified managerial and sales experience, challenges welcomed. Reply Box 113, Weeds Trees and Turf, 9800 Detroit Ave., Cleveland, Ohio 44102.

### FOR SALE

**DOUBLE EDGE sod cutter blades.** Will fit any Ryan sod cutter. Works like double edge razor blade. Cuts much more sod per blade. Made to bolt on both ways. \$24.00 plus post-age. New automatic sod loaders for direct loading to pallets, trucks or trailers. No workers needed on ground. Both products developed and designed by Hadfield. Write or call Glen Hadfield, 4643 Sherwood, Oxford, Michigan 48051. Phone 313 628-2000. 628-2000

**FOR SALE: Complete tree Service** Company, located on West Coast, gross \$200,000.00 per year. Year round work. New spray rig, 3-2 ton dump trucks, 3-4 wheel drive pick-ups, 2 winch trucks, 3 chippers. Several other pieces of equipment. Box 180, Weeds Trees & Turf, 9800 Detroit Avenue, Cleveland, Ohio 44102. 44102

A GOING BUSINESS (tree surgery) southeastern Massachusetts. This business has all the needed equip-ment in excellent condition. Financ-ing will be arranged. Owner will stay 3 years maximum to help. Selling because of health. Box 112, Weeds Trees & Turf, 9800 Detroit Ave., Cleveland, Ohio 44102.

SOD BLADES for Ryan, Brouwer, Beck. 12" to 18" heavy duty—\$15.95, 24"—\$17.95. Cut-off blades 12", 15", 16", 18"—\$6.00, 20", 24", 26"—\$8.00. All prices F.O.B. factory. Please write for complete literature. Money



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For More Details Circle (154) on Reply Card

back guarantee. R & R Products, 3334 E. Milber, Tuscon, Arizona 85714. Phone 602 889-3593.

CHAIN SAW CHAIN, bars, sprockets, sharpening equipment, saw parts and accessories. Save to 40%. Pro-fessional quality, fully guaranteed. World's largest mail order supplier of this equipment. Free catalog. Write Zip-Penn, Box 43073-A68, Middletown, Ky. 40243.

ARPS stump cutter teeth, top qual-ity and best price in U.S.A., D. J. Andrews, Inc., 17 Silver St., Roches-ter, New York 14611. Call 716 235-1230.

## MISCELLANEOUS

TREE APPRAISALS, SURVEYS, loss evaluations and expert consul-tation services. For names of members of the American Society of Consulting Arborists, Inc., through-out the country, contact: Executive Director ASCA, 12 Lakeview Ave., Milltown, New Jersey 08850.

PESTICIDE TEXT BOOK: Helps prepare for state certification. All answers fully explained. More than 500 pesticide applicator firms are already ahead of you! \$7.50/copy. Write: Austin M. Frishman, 30 Miller Rd., Farmingdale, New York 11735.

#### USED EQUIPMENT

FOR SALE Jacobson F-133 5 gang, 11 ft. cut self contained Reel mower. 450 actual hours, reels sharpened and lapped, mechanically perfect, very clean \$2850.00; 1 year old. All steel 8x12 ft. contractors truck bed, per-fect \$600.00. 4 month old Yazzo 76 inch. 2 eviloact 18 horseneuer Pe inch, 2 cylinder 18 horsepower Ro-tary mower, perfect \$1750.00. De-liver free 300 miles of Chicago, reasonable over 300 miles. T. C. Nel-son, RR2, Box 134, Beecher, Ill. 60401. 312 946-2133.

**BASKET TRUCK** — 55 ft. working height. 1973 Elliott with boom mounted 8,000 lb. wench. Used 2 months. Truck is 1973 Chevrolet — 2 speed rear end with 1600 miles. Not even broke in yet. Price \$20,000.00. Robbin's Tire Service, 404 Caroline, Creve Coeur, Ill. 61611. Phone 699-7920 Phone 699-7920.

FOR SALE: Sprayers: used and new—Hydraulic and mist, all makes. Reconditioned pumps — Bean Royal 20, 35, and 55. Used Rotomist parts. Phone: Normandy 2-3507 or write:



"Mr. Johnson? Remember me? | worked for you last summer!"

Ralph McFarland, 209 Pleasant Place, Ann Arbor, Michigan 48104. Pleasant

FOR SALE: Sprayers: used and new; hydraulic and mist, all makes; Royal 20, 35, and 55 pumps. Used rotomist parts, big discount! Phone: 313 6655-338 or 313 662-3507. Write: Ralph McFarland, 209 Pleasant Place, Ann Arbor, Michigan 48103. FOR SALE McCullock 35A bow chain saw with brush cutting attachment, very good used condition. G.P. Lippincott, Shawnee Circle, Cam-bridge, Maryland 21613. Phone 301 228-4228.

WANTED: Brouwer sod harvester. Send particulars to: Thornton's Turf Nursery, R2, Box 72, Elgin, Illinois 60120.

## LEGAL NOTICE POWER AUTHORITY

OF THE STATE OF NEW YORK JAMES A. FITZPATRICK NUCLEAR POWER PLANT ADVERTISEMENT FOR PROPOSALS

FOR LANDSCAPING IN THE TOWN OF SCRIBA, OSWEGO COUNTY NEW YORK

CONTRACT NO. A20

NOTICE TO CONTRACTORS: THE POWER AUTHORITY OF THE STATE OF NEW YORK will receive sealed proposals for Contract No. A20 for Land-scaping for the James A. FitzPatrick Nuclear Power Plant at Nine Mile Point, Town of Scriba, Oswego County, New York until 10:30 AM Eastern Daylight Saving Time on the 14th day of March 1974, at the Authority's Office, the 18th Floor, The Coliseum Tower, 10 Columbus Circle, New York, New York 10019, at which time and place the proposals will be read aloud. place the proposals will be read aloud.

The principal items of work consist of furnishing and planting the following: Estimated:

210 Shade Trees, 6 ft. to 12 ft.

39 Shrubs, 6 ft. to 7 ft

116 Shrubs, 18 in. to 24 in.

All work shall be completed within sixty calendar days from date of commencement. The work shall be started on or about April 1, 1974

Plans, Specifications and Proposal Forms for AUTHORITY OF THE STATE OF NEW YORK, 18th Floor, The Coliseum Tower, 10 Columbus Circle, New York, New York 10019, upon application and prepayment of a fee of Twenty-five Dollars (\$25.00) per initial set of contract documents, and Fifteen Dollars (\$15.00) per ext for additional ext and Dollars (\$15.00) per set for additional sets, no part of which will be refunded. Plans, Specifications and Proposal Forms for the work will be on file in the Authority's Office and in the office of the Engineer, Stone & Webster Engineering Corporation, 100 Federal Street, 18th Floor, Boston, Massachusetts 02107, and may be inspected by prospective bidders during office hours.

Prospective bidders visiting the site of the work shall first contact the Superintendent of Construction, Mr. C. E. Goodman, at the Engineer's Field Office in Scriba, New York, during office hours. (Telephone (315) 342-1168)

Bids must be made and returned in triplicate in accordance with instructions contained in the Information for Bidders. Guarantee will be required for each bid in an amount not less than 20 percent of the gross sum bid.

The right is reserved to reject any or all bids. GEORGE T. BERRY

General Manager and Chief Engineer

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ASTROMOTH-that's what they call 'em. Gypsy moth eggs started to hatch aboard Skylab, said the astronauts. NASA put 500 wild eggs and 500 laboratory reared eggs of gypsy moth aboard the space station. So far several of the wild eggs have hatched. Nothing happened to the lab reared eggs. What does it mean? Simply that gypsy moth eggs can hatch in zero gravity. This could end the moths' normally long hibernation period in USDA's sterilization program. Earth experiments to induce egg hatch earlier have failed. Exposure to zero gravity for a sustained period offers a potential breakthrough.

**DIESEL** engines account for about 85 percent of the engines purchased in new farm tractors, says the Farm and Industrial Equipment Institute (FIEI). In the larger sizes, the numbers approach 100 percent. Dependence on diesel fuel has been increasing steadily over the years. In 1967, 75 percent of the tractor horsepower provided agriculture was related to diesel.

DAY LENGTH is the only constant environmental variable for insects to key their body functions to and prepare for overwintering. The tiny changes in the day length trigger a "biological clock" within the insect's brain. Changes take place in the body chemistry which result in a condition known as insect diapause. There is an increase in body fat and a decrease in respiration rate and feeding. Reproductive organs in both insect sexes become non-functional. Research from Canada indicates that some diapausing insects produce glycerol which serves as an antifreeze agent, allowing insects to withstand extreme cold temperatures.

**ONE MINUTE** of time saved each day gives an extra half hour each month.

THE SENSE OF URGENCY to clean up the environment and to make life safer has brought on some hasty governmental actions, says Parke C. Brinkley, N a t i o n a l Agricultural Chemicals Assoc. "Much of this action was born of expediency rather than of thoughtful weighing of consequences. Some of agriculture's most valuable production tools have been removed or drastically curtailed. Little more than lip service has been given to the necessity for measuring benefit against risk, or to the fact that certain trade-offs may be in our best interests. We have seen it happen with certain pesticides, fertilizers, growth stimulators, and energy.

"Behind it all is the fact that the environmentalists' view of agriculture has been largely based on its contribution to pollution. There is little understanding of the vital role played by fertilizers and pesticides in the production of food and fiber . . ."

SAFETY IS A FULL-TIME JOB is the second safety film now available through Charles Machine Works, Inc. It's 17 minutes long. The story line centers around a construction superintendent charged with his company's safety program. It's available in either 16mm reels or in Super 8mm cartridges. For more details, contact a Ditch Witch dealer or Tom Tucker, Charles Machine Works, Inc., P.O. Box 66, Perry, Okla.

**OSHA INSPECTIONS** are on the rise. Department of Labor statistics show the weekly average of inspections for November more than double that of a year ago. In November 1973, OSHA issued to employers 5,301 citations alleging 27,870 violations of job safety and health standards. Proposed penalties totaled \$680,881. The bulk of inspections continues to be centered around manufacturing and construction. But inspections of agricultural facilities accounted for 27, up 52 percent over the previous year.

LOUISIANA'S PINEY ROOTERS know a good thing when they root it. Seems like almost half of every tree cut for marketing remains unused. Wasted parts amount to about 40 percent of most trees cut. Of this, about 16 percent is in the tree root. Researchers are now looking for ways to use a greater portion of this waste, besides letting the hogs root around it.



Yellow foxtail is a tufted annual grass commonly found throughout much of the United States, except for the cooler northern areas. Sometimes it is mistaken for crabgrass and its occasionally called Yellow Bristlefrass because of its tightly clustered seed heads with greenish, yellow bristles, resembling the tail of a fox. The stems are flattened and the lower parts are often tinged with red.

The seed germinates in late spring or early summer, and the plants reach maturity by mid-summer. After producing an abundance of seed for the next year's infestation, it dies after the first heavy frost in the fall. This unwanted turfgrass weed seems to flourish in most all growing sites except shade.

EDITOR'S NOTE: An 8½ x 11-inch color print of Yellow Foxtail shown at the right is available, at no charge, by writing to: O. M. Scott & Sons Company, Marysville, Ohio 43040.