

PRODUCTS

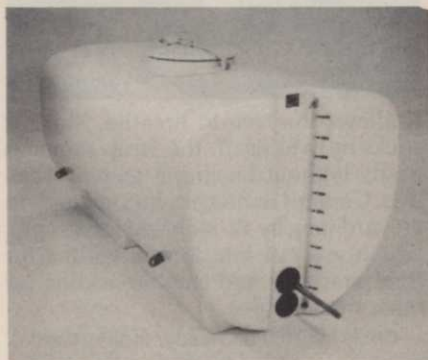
Turf Shaper by Lely breaks compacted soil, cultivates, smooths, grooves, and seeds in one pass. The device lowers equipment and labor costs by consolidating many tasks into one piece of



equipment. A 60-inch and 80-inch model are available for attachment to tractor PTO with horsepower ranging from 30 to 55. The Turf Shaper works the soil to a depth of six inches. More than one acre can be prepared and seeded in less than one hour.

Circle No. 144 on Reader Inquiry Card

Smaller tank for added spray capability of specialty chemicals has been added to the Tuflex line of fiberglass spray tanks. The 500-gallon tank is sim-



ilar to larger models and includes vented cover, baffling system, drain, calibrated sight tubes, and molded mounting base. The unit is 81-in. long, 60-in. wide, and 48-in. high.

Circle No. 145 on Reader Inquiry Card

Broadcaster models of 8 to 156 cubic feet capacity are rugged enough for



topdressing, lime and fertilizers. Spreading patterns reach 52 feet in width and include side or rear delivery. Units can be attached to three-point hitch for PTO drive. Can double as salt spreader in winter.

Circle No. 146 on Reader Inquiry Card

Systemic fungicide, Bayleton 25% Wettable Powder, controls and prevents several fungus diseases affecting turf, including brown patch, copper spot, dollar spot, powdery mildew, red thread, rusts, striped smut, fusarium blight, and gray and pink snowmold. The specified dosage should be mixed in 2 to 4 gallons of spray per 1000 square feet, and applied at the preventative rate at 7 to 21 day intervals as needed.

Circle No. 147 on Reader Inquiry Card

A mower from the Sensation Corporation, the 11L2-0, is powered by a two-



cycle Kawasaki engine. This 4.3-hp engine has a cast iron cylinder sleeve, and positive engine lubrication allows mowing of slopes. The high-strength mag-aluminum alloy deck rides on semi-pneumatic tires with heavy duty,

Continues on page 62

Does leaf-tip shredding
make your turf brown?

Switch to fine-leaved
Pennfine Perennial Ryegrass. Bred
for softer fibers that take a smooth,
clean cut, Pennfine has set the
standard for mowability against
which other ryegrasses are compared.
Get Pennfine, the most widely used fine-
leaved perennial ryegrass. It's available
just about everywhere. Pennfine
Perennial Ryegrass, P.O. Box 923,
Minneapolis, MN 55440

Circle No. 131 on Reader Inquiry Card

replaceable ball bearings. A non-clog suction lift blade cuts a 21-inch swath from 1 inch to 3 inches in height in 1/4-inch increments. The model 90J9 grass catcher is available as an option.

Circle No. 148 on Reader Inquiry Card

A personnel and tool transport for use on golf courses, large parks, and in other turf-care situations, the gasoline-



powered Turfcart, has been introduced by Cushman Turf/OMC Lincoln division of Outboard Marine Corp. It provides an all-around transport for maintenance men, irrigation crews, and supervisory personnel. The steel-plated three-wheeler can attain speeds of 14 mph.

Circle No. 149 on Reader Inquiry Card

mott Flail Mowers **HAMMER KNIFE** can cut your **TURF CARE COSTS**

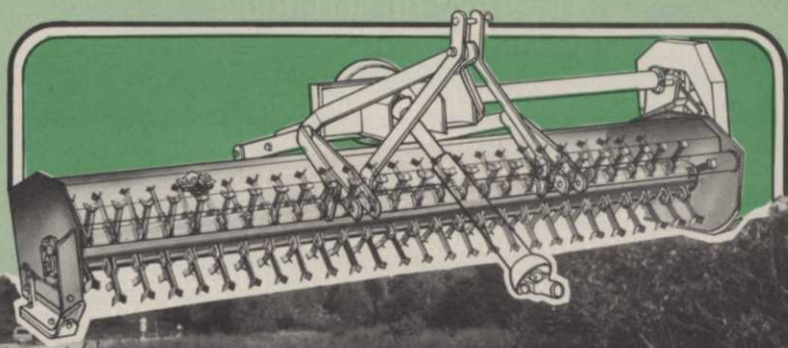
Mott Flail Mowers reflect extra value through greater versatility, added production with longer trouble-free life, and safer operation.

No other mowing system is as versatile as the flail. With only one mower investment, you can trim fine lawns, shred tough weeds, mulch, renovate, dethatch and scalp. You can work any area that is smooth or rough, clean or trashy, level or steeply banked, dry or "liquid wet". And you can operate with much greater safety than with rotary mowers.

Mott Flail Mowers are built to last and can be used with most tractors. Models are available in widths from 38 to 88 inches. In combination, they will handle up to 19 foot swaths.

Contact us today and discover how the extra value of Mott Flails can pay off by cutting your turf care costs.

MOW LAWNS ■ RENOVATE ■ MULCH LEAVES ■ SHRED WEEDS



Mott Interstater Cuts 19' Swath.



MOTT CORPORATION 514 Shawmut Avenue
P.O. Box 518, LaGrange, IL 60525 (312) 354-7220

Circle No. 128 on Reader Inquiry Card

A self-adhering tape, Guard-Tex Tree-Wrap, protects newly planted trees from the elements, gnawing animals, dogs, and insects. It weathers well, becoming as stiff as buckram, but



it allows the tree to breathe. Since it sticks only to itself, the wrap removes easily without leaving a gummy residue. General Bandages, Inc. makes it in 30-yard long by 12-inch wide packages, which are cut into 3-inch widths for tree wrapping and smaller widths for other nursery uses.

Circle No. 150 on Reader Inquiry Card

Low cost spinner spreader model 107 from Avco New Ideas offers comparable performance to larger models at the cost of a single spinner unit.

Model 107 has a 10.5 cubic foot capacity seamless, stainless steel hopper

Continues on page 65



Circle
the
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Service
numbers
of those
items of
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to you.

Inquiries serviced for 90 days from date of issue. For those countries outside the U.S., please apply appropriate postage before mailing.

READER SERVICE INFORMATION CARD

7-81 2

For more information on products or services mentioned in this issue, circle the corresponding numbers below, fill in appropriate information and mail today.

101	115	129	143	157	171	185	199	213	227
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 0065 AIRPORTS
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B. CONTRACTORS/SERVICE COMPANIES/CONSULTANTS:

- 0105 LANDSCAPE CONTRACTORS (INSTALLATION & MAINTENANCE)
 0110 LAWN CARE SERVICE COMPANIES
 0115 CUSTOM CHEMICAL APPLICATORS (GROUND)
 0120 TREE SERVICE COMPANIES/ARBORISTS
 0125 LANDSCAPE ARCHITECTS
 0130 EROSION CONTROL COMPANIES
 0135 EXTENSION AGENTS/CONSULTANTS FOR HORTICULTURE
 0140 IRRIGATION CONTRACTORS
 OTHER CONTRACTOR OR SERVICE (PLEASE SPECIFY) _____

Your primary business at this location is: (check one only in A, B or C)

A. LANDSCAPING GROUND CARE FACILITIES:

- 0005 GOLF COURSES
 0010 SPORT COMPLEXES
 0015 PARKS
 0020 RIGHTS-OF-WAY MAINTENANCE FOR HIGHWAYS, RAILROADS, & UTILITIES
 0025 SCHOOLS, COLLEGES & UNIVERSITIES
 0030 INDUSTRIAL & OFFICE PARKS/PLANTS
 0035 SHOPPING CENTERS, PLAZAS AND MALLS
 0040 PRIVATE/PUBLIC ESTATES & MUSEUMS
 0045 CONDOMINIUMS/APARTMENTS/HOUSING DEVELOPMENTS/
HOTELS/RESORTS

C. SUPPLIERS:

- 0205 SOD GROWERS
 0210 EQUIPMENT DEALER/DISTRIBUTOR
 OTHER SUPPLIER (PLEASE SPECIFY) _____

Approximately how many acres of vegetation do you maintain or manage? _____

What is your title? (please specify) _____

NAME _____

BUSINESS NAME _____ ADDRESS _____

CITY _____ STATE _____ ZIP _____ TELEPHONE () _____

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I WISH TO RECEIVE (CONTINUE RECEIVING) WEEDS, TREES & TURF EACH MONTH YES NO

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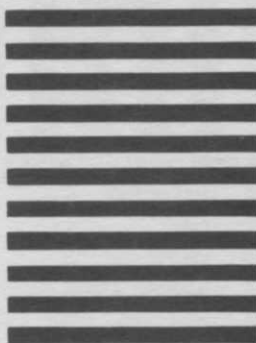
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**GET
MORE
FACTS**

Products from page 62

that holds 690 pounds of fertilizer or 8.5 bushels of seed. The 107 spreads up to 32.8 feet from 10 shutter settings, and has a material agitator which insures uniform feeding of materials.

Circle No. 151 on Reader Inquiry Card

Mor-Bell Logger is a productive, versatile, low cost logging machine. The single unit will load or unload pulpwood and saw logs, skid log length or tree length, pre-bunch shortwood

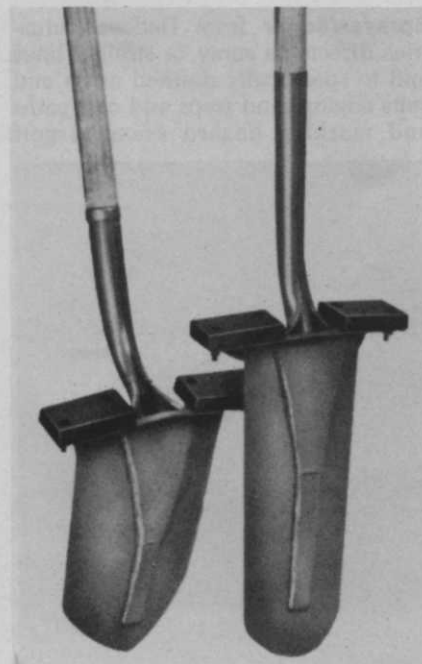


and sort saw logs on a landing or in a yard.

Two hydrostatically driven wheels in addition to its compact size and low ground pressures make it well suited for thinnings. The logger is manufactured by Morbark Industries, Inc.

Circle No. 152 on Reader Inquiry Card

Shovels with big, padded foot surfaces and reinforced or metal handles are



offered by International Reforestation Suppliers. These shovels are especially suitable for forest workers.

Circle No. 153 on Reader Inquiry Card

The H-650 aquatic weed harvester, a three-unit system, does complete harvesting and disposal of aquatic weeds. It consists of the H-650 Harvester, the

Continues on page 66



INTERNATIONAL SOCIETY OF ARBORICULTURE

(formerly International Shade Tree Conference)

FIFTY-SEVENTH ANNUAL CONFERENCE

Boyne Mountain Lodge, Boyne Falls, Michigan

August 9-12, 1981



EXHIBITION AND DEMONSTRATION OF TREE PRESERVATION EQUIPMENT TOOLS and MATERIALS

Address communications to E.C. Bundy, Executive Director
International Society of Arboriculture
P.O. Box 71, Urbana, Illinois 61801
Tel. AC (217) 328-2032

Underneath it all... Weather-matic, the hidden secret of beautiful landscaping.



Adjust The Arm Spring With A Screwdriver Even While Our K Series Sprinkler Is Operating.

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COMPANY _____
ADDRESS _____
CITY _____ STATE _____
ZIP _____ PHONE _____

Circle No. 138 on Reader Inquiry Card

Products from page 65

T-650 Transport, and the S-650 Shore Conveyor. The harvester cuts an 8-foot-wide swath of aquatic weeds to a depth of 5 feet and operates in 18 inches of water. When the 650-cubic foot hold is full, the load is transferred to the transport by a high-speed conveyor. At shore, the transport unloads the weeds to the shore conveyor. Aquamarine Corp. makes the equipment.

Circle No. 154 on Reader Inquiry Card

A lawn mower by Toro uses monofilament lines, eliminating the need for a steel blade. The 20-inch electric lawn mower/trimmer cuts open grass areas and trims around stationary objects.



The cutting mechanism consists of two counter-rotating discs powered by separate heavy-duty electric motors. Two monofilament lines attached to each disc are advanced and trimmed to proper length as they wear down.

Circle No. 155 on Reader Inquiry Card

Bent Special, a Nutriculture formula designed for bent grasses, has been introduced by Plant Marvel Laboratories, Inc. The 28-8-28 formula, when used on a weekly basis, replaces the nitrogen-phosphorus-potash as well as other nutrient elements removed from the soil by bentgrasses. Each application adds ¼ pound of actual nitrogen to the soil along with other vital elements such as chelated iron and manganese, with no fear of burning.

Circle No. 156 on Reader Inquiry Card

Subsurface tree fertilization system, Root App, combines the drive power of an electric impact hammer and the pumping power of a twin piston pump. It uses fluid fertilizer which can be



formulated with slow-release, long feeding nutrients or completely soluble, immediately available nutrients. One person can break through frozen ground, hard pan, or rocky soil in seconds. Applied Imagination makes it.

Circle No. 157 on Reader Inquiry Card

Falcon tall fescue is a leafy, moderately low growing, turf-type variety that performs well under little maintenance. Mature stands suit areas where wear tolerance is required, which makes it useful for both home lawns and play areas such as parks and athletic fields. It provides quick germination and seedling development in a soil pH range of 4.5 to 8.0. E.F. Burlingham & Sons is marketing Falcon.

Circle No. 158 on Reader Inquiry Card

Sprayer/edger from Dedoes Industries directs its spray in straight lines and to specifically defined areas and suits edging sand traps and cart paths and marking hazard areas at golf



courses. The lightweight, portable sprayer has many commercial and residential uses.

The polyethelene tank has a spray control lever on the handle. Corrosion-resistant brass or stainless steel nozzle and fittings have changeable tips for specific applications.

Circle No. 159 on Reader Inquiry Card

Water broom from Distributor Sales attaches to a 3/4-inch hose and cleans driveways, patios, and sidewalks faster than a conventional broom or hose



alone. It comes with either a 42-inch swatch (7-jet) or a 30-inch swatch (5-jet). Made with an all-steel base tube and flow pipe, the water broom rests on ball-bearing, 2-inch neoprene swivel wheels and has a brass on-off switch at hand level.

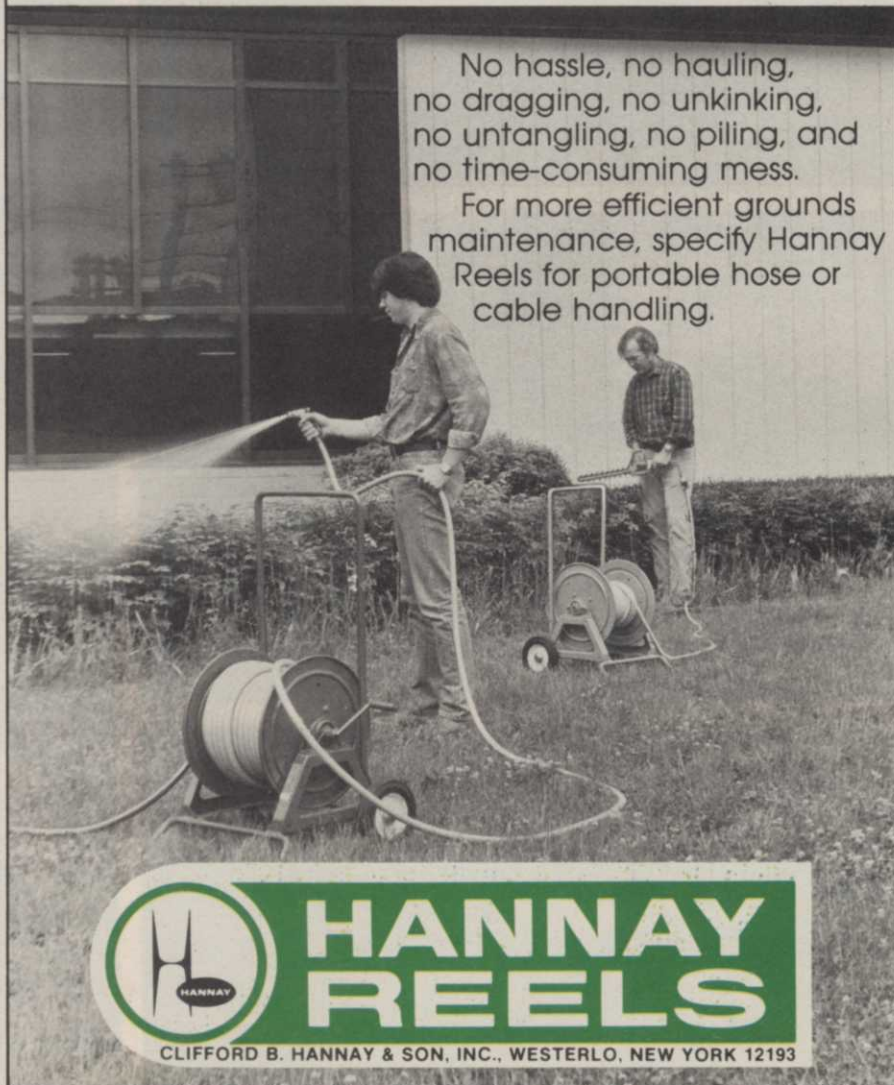
Circle No. 160 on Reader Inquiry Card

Two power harrows, the SE601 20-foot and SE751 25-foot models, join the line of seedbed preparation equipment built by Vicon Farm Machinery, Inc. Tine bars with hardened steel, replaceable tines level the ground and work up the seedbed without turning over the soil. This leaves cool, wet soil below the surface for good germination. Both models fit most CAT II or III quick-release hitches. They can be driven with 1000 rpm, 135-hp tractors at four to eight miles per hour.

Circle No. 161 on Reader Inquiry Card

PORTABLE REELS FOR WATERING, SPRAYING, FERTILIZING, CLIPPING, EDGING, TRIMMING,

Hannay Reels on Wheels take hose or power cable straight to the job and back.



 **HANNAY
REELS**
CLIFFORD B. HANNAY & SON, INC., WESTERLO, NEW YORK 12193

Circle No. 115 on Reader Inquiry Card

Drive disease off fairways too, with Daconil 2787.[®]



Daconil 2787 Flowable Fungicide is the product of choice on tees and greens because it controls more diseases than any other turf fungicide. And in 12 years of continuous use, resistance has never been reported.

You can count on it to perform on fairways, too. To help you achieve a longer, more profitable playing season. A better looking course. More enjoyable play. Plus a better return on course investments already made.

Daconil 2787 controls such turf ravaging diseases as dollar spot, leaf spot, red thread and large brown patch on fairways. Its proven residual effec-

tiveness at recommended application rates, plus the fact Daconil 2787 has a built in surfactant, makes it economical to use.

The 500 formulation of Daconil 2787, introduced in 1978, gives you the additional advantage of fast, easy handling because it flows readily and disperses quickly.

When it comes to disease control, make Daconil 2787 your fungicide from tee to green. Use it on labeled ornamentals around the club house, too. It'll keep your course fit for the masters.



Diamond Shamrock

AGRICULTURAL CHEMICALS DIVISION
1100 Superior Avenue
Cleveland, Ohio 44114

Always follow label directions carefully when using turf chemicals.

Circle No. 111 on Reader Inquiry Card



CLASSIFIEDS

RATES: 70 cents per word (minimum charge, \$15). Bold face words or words in all capital letters charged at 80¢ per word. Boxed or display ads charged at \$60 per column inch (one inch minimum). Agency commissions will be given only when camera-ready art is provided by agency. For ads using blind box number, add \$5 to total cost of ad. Send ad copy with payment to Dawn Anderson, WEEDS, TREES & TURF, 1 East First Street, Duluth, MN 55802.

BOX NUMBER REPLIES: Mail Box number replies to: WEEDS, TREES & TURF, Classified Ad Department, 120 W. 2nd St., Duluth, MN 55802. Please include box number in address.

HELP WANTED

HORTICULTURIST, ANCHORAGE ALASKA. The Municipality of Anchorage needs a Horticulturist to oversee the operation of a 20,000 sq ft 4-greenhouse complex providing 50,000 bedding plants to city-maintained gardens annually; public tropical garden display area; landscaped parks; permanent and temporary displays, shows and beautification projects; provide guidance to inquiring public; full responsibility for trees, shrubs and flowers. Minimum requirements include bachelor's degree in Horticulture or a closely related field plus three years of progressively responsible greenhouse-related horticultural experience, one year of which must have been in a supervisory capacity. Experience beyond the minimum three years may substitute for the education on a year-for-year basis. Salary \$990-1265 bi-weekly DOE. Relocation allowance available. For more information, please submit your resume to Steven F. Williams, Personnel Dept., Muni. of Anchorage, Pouch 6-650, Anchorage, AK 99502. The Municipality provides fringe benefits including paid health and life insurance, a retirement program, and six-weeks annual leave. An Equal Opportunity Employer. 7/81

LANDSCAPE GENERAL SUPERINTENDENT. Individual required to coordinate all field operations for expanding landscape contracting firm. Knowledge of scheduling, equipment utilization and large-scale public works projects required. Only those skilled in the above need call. **GRAYLAND DEVELOPMENT, INC.**, City of Industry, CA. (213) 961-9256. 7/81

BRANCH MANAGER: Chemical Lawn Care firm is accepting applications for Managerial position. Must be experienced in route and service type business, responsible for sales personnel and administration. Must be willing to relocate in Ohio, Indiana or Kentucky areas. Write WTT Box 270. 11/81

Landscape Architect/Salesperson to work the Houston market. Must have basic knowledge of Design/Build landscape contracting business. Contact: Marc Funderburk, L.D.C.-Houston, Inc., PO Box 42062, Houston, TX 77042. 7/81

INSTRUCTOR — SCHOOL OF GOLF COURSE OPERATIONS. LAKE CITY COMMUNITY COLLEGE, located in the pine forest of North Florida, is searching for an individual to teach courses in irrigation and drainage, turfgrass science, soils and other related subjects. Minimum requirement: B.S. degree in plant science field with two years experience in golf course maintenance. Practical knowledge of irrigation and drainage is necessary. Salary range \$16,500 to \$24,900, depending upon degrees and years of experience. Date to be filled: August 1981. Send inquiries directly to Jerry H. Cheesman, Director; School of Golf Course Operations, Lake City Community College; Rt. 7, Box 42; Lake City, FL 32055. AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER. 7/81

LANDSCAPE PROJECT MANAGER. We are actively seeking individuals with extensive experience in large-scale landscape, irrigation and site development projects. Background in public works procedures required. Top salary and benefits. **GRAYLAND DEVELOPMENT, INC.**, City of Industry, CA., (213) 961-9256. 7/81

Southwest Florida tree company looking for climbers and persons knowledgeable in all phases of the tree industry. This is a perfect opportunity for someone to start in on ground floor operations in a newly formed, fast growing business. Send resume to WTT Box 271. 7/81

CHALLENGING CAREER. Above average pay; Two year associate in applied science degree in Golf Course Operations/Landscape Technology. Financial assistance available. Write Western Texas College, Snyder, TX., 79549. (915) 573-8541. 9/81

Sales and field reps. for highest quality, well respected tree maintenance firm in North Texas. Only well groomed, aggressive knowledgeable persons need apply. Must be self starter. Contact Del Kennedy, P.O. Box 7, Granbury, Tx., 76048., (817) 477-3071. 7/81

MISCELLANEOUS

LAWN SEED. Wholesale. Full line of top quality grasses. Improved bluegrass varieties, fine fescues and fine bladed ryegrasses. We specialize in custom mixing. Oliger Seed Company, 2705 Wingate Avenue, Akron, Ohio 44314. Call collect (216) 753-2259. 1/82

LANDSCAPE DESIGN KIT, 37 rubber symbol stamps, ink pad, \$38.50 postpaid. California add \$2.16 tax. Stamps kit brochures available. American Stamp Co., Box 741, Dept. WT, Reseda, California 91335. Phone (213) 881-2808. TF

START YOUR LANDSCAPING CAREER NOW! Write: School of Landscape Design and Sales, Lake City Community College, Rt. 7, Box 42, Lake City, FL 32055. Fully accredited and V.A. approved. 7/81

Increase your profits this year with "Garden Tips" the monthly customer newsletter with your company name/phone. Proven response . . . cements customer relations, gets them to spend more, opens new doors expertly in new expansion areas. Low cost, effective profit building. Call today (516) 538-6444, we'll send complete information or write: Garden Tips, Box 117, Garden City, NY 11530. TF

USED EQUIPMENT

AERIAL BUCKETS call P. C. Gould Sales Company Essex, Conn. (203) 767-1636. New and Used brush chippers, Vermeer stumpers, sprayers, Hydro-Ax's available for immediate sale. Or write P. C. Gould Sales Company, Plains Road, Essex, Conn. 06426. 8/81

HI-RANGERS AERIAL BASKETS 65', 57', and 53'. Skyworkers aerial baskets 65', 50', 40'. Vermeer stump cutter 1560, 6. Vermeer tree spade 66, TS 44. Asplundh bucket and brush chippers. Bean sprayer, 9 ton trailer. Parkway Tree Service, 12026 W. Cherry, Wauwatosa, Wisc. 53226. (414) 257-1555 TF

FOR SALE: 3 gang Toro Spartan Mower & frame, rubber tires, new, still in crate. No reasonable offer refused. 1977 Jacobson 70 in trimmer, excellent condition. Call (308) 262-1537 after 5 p.m. Mountain Standard Time. 7/81

BEAN SPRAYER, A120 Model, 200 gal. Bonded tank, 12 h.p. Kohler engine, skid-mounted, pump totally rebuilt, motor in excellent condition. Well cared for equipment. Must sell. Painted and ready to go. \$1885.00. Cleves, Ohio (513) 941-1166. 7/81

1,000 gallon Toro hydro-seeder. Skid mount. Excellent running condition. 3 sections, 50 ft. hose, & 4 nozzles included. Heavy duty machine. (313) 484-3551. 7/81

Finn Straw Mulcher with asphalt applicator, powered by 4 cyl. Wisconsin engine Model VG4D. Green Valley Turf Farms Inc., Canfield, OH. (216) 533-3354. 8/81

Model 10 Vermeer stump cutter with 36 hp. Wisconsin engine and cuts to 10 inches deep. Model 18 Vermeer stump cutter with 56 hp. Wisconsin engine and cuts to 24 inches deep. Both in good condition. Funk Bros., Tree Service, Inc., Ashland, Ohio. Phone (419) 325-2113. 7/81

HI-RANGER BUCKET TRUCKS, 54' and 51', Flatbed and chip box mits - Merrill brush chipper. Allied Enterprises, Inc., W. 204 N. 11509 Goldendale Rd., Germantown, WI 53022, (414) 255-6161 anytime. TF

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