

# PRODUCTS

## Vermeer unveils mobile tree-moving machine

A compact, highly mobile tree-moving machine, designed to transplant 5-inch diameter trees is being introduced by Vermeer Manufacturing Co. The TS-50S Tree Spade, a truck-mounted unit, features four hydraulically powered curved steel spades with a digging capacity of 50 inches in diameter down to 40 inches deep.

Four Char-Lynn hydraulic motors, plus a three-stage chain reduction drive assembly, deliver power to the spades. With the framework and spade towers on the outside, the Vermeer tree spade can be operated close



to other trees or nearby obstacles. It has a maximum height of just 72 inches.

The unit features positive, hydraulic lock/unlock creating a solid digging frame; pump feed water tanks to lubricate spades during the digging operation; double-gate pivoting for longer life; high clearance outriggers for greater stability; and hydraulically-activated, hold-down pressure plates to maintain a firm tree ball during transport.

The TS-50S is capable of being mounted on a 25,000-lb GVW-rated truck with a minimum cab-to-axle of just 84 inches.

Circle No. 190 on Reader Inquiry Card

## Brouwer Triplex mower has free-floating units

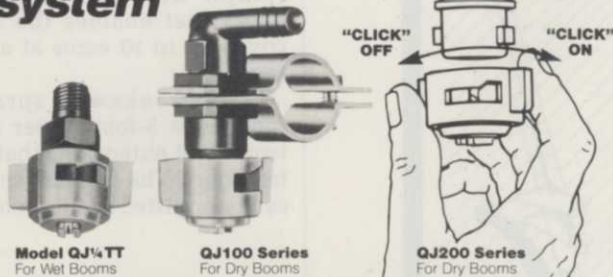
The Brouwer Triplex 376 mower is loaded with features including free-floating cutting units, anti-scalp front rollers, a differential lock, and a choice of five or seven-bladed reels.

Powered by a 8 1/2 hp Wisconsin-Robin engine, the Triplex has a 76-in.

## Change spray tips clean strainers in seconds... without tools!

New

## QuickJet<sup>™</sup> system



Model QJ 1/4 TT  
For Wet Booms

QJ100 Series  
For Dry Booms

QJ200 Series  
For Dry Booms

New QuickJet System minimizes your service time and helps assure accurate delivery. The self-aligning quick "on/off" cap can be used with all interchangeable spray tips. The caps are available in 8 colors for color-coding different tip sizes.

**QUICKJETS SAVE TIME AND MONEY.**

Send for QuickJet bulletin and data sheets.



## Spraying Systems Co.

Wheaton, IL 60188 Telephone 312/665-5000

Circle No. 159 on Reader Inquiry Card

# TRIM YOUR LABOR COSTS...

... with Atrinal<sup>®</sup>, the spray that keeps your shrubs the way you trimmed them.

Just trim once in the spring. Then spray *once* with Atrinal. (Where the growing season is longer, you may want to spray again in early fall.) Now hang up your pruning shears for the rest of the year.

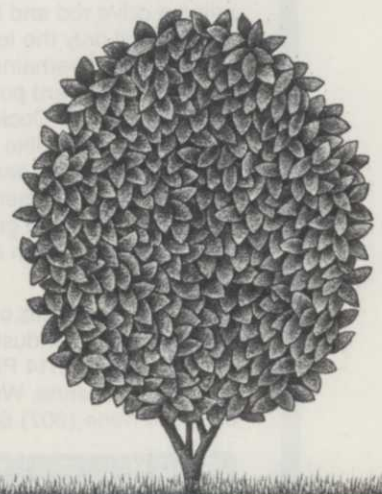
Atrinal systemic growth regulator inhibits apical bud growth, promoting lateral branching for lush, fuller plants that keep their shape. Atrinal can also be used to suppress flowering and fruit set of ornamental olives and certain other species. And application is safe and easy.

For more information, write for the Atrinal Landscape Maintenance brochure.

## Atrinal<sup>®</sup>

Maag Agrochemicals, Inc.  
P.O. Box 6430  
Kings Highway  
Vero Beach, FL 32961-6430  
305-567-7506

Atrinal can also be used for nursery and greenhouse crops.



Circle No. 137 on Reader Inquiry Card

# Slash labor costs with the Duckbill® Tree Anchoring System



Cross section of earth

## One man can anchor a tree with 3 Duckbills in minutes

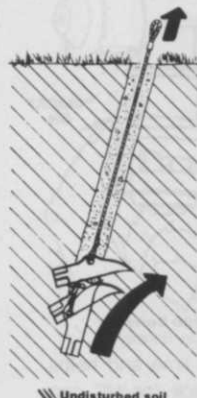
Robert L. Swain, vice president of the Dawson Corporation, landscape contractors in Windsor, New Jersey, said, "We used your Duckbill Earth Anchors to replace the deadman detail specified by the landscape architect to hold a large number of trees in place after planting. Installing the Duckbills cut the labor time by such a drastic margin that we saved a week's time with a four man crew!"

Duckbills are safer than most anchors because there are no rigid rods or hard steel loops left above ground to injure people or pets or damage mobile equipment. Only a small pliable cable loop remains above ground with Duckbills.

Duckbill is driven into the ground using a drive rod and heavy hammer till only the top half of the cable loop remains above ground. An upward pull on the cable rotates the Duckbill into a load lock position like a toggle bolt in undisturbed earth. When anchoring is no longer needed, simply cut cables at ground level, leaving no sign anchors were used.

For complete details call or write today. Foresight Industries Inc., P.O. Box 4067, 2114 Pioneer Avenue, Cheyenne, Wyoming 82003. Phone (307) 635-4163.

**FORESIGHT™  
INDUSTRIES INC.**



Circle No. 117 on Reader Inquiry Card



cutting width, and the height of the cut can be adjusted from 1/2 to three inches. The cutting units can be raised or lowered from the tractor seat.

The Triplex is designed for the professional user, its manufacturer says, and it is ideal for parks, schools, golf courses, landscape maintenance, estates, and wherever grass requires routine attention.

Circle No. 191 on Reader Inquiry Card

## Stauffer's Imidan 1E aimed at insect problems

Imidan 1E is being introduced by the Stauffer Chemical Co. for controlling major insect problems in shade trees, flowering trees, shrubs, and evergreens.

Imidan 1E has a quick knockdown and good residual activity, is biodegradable, and disappears from foliage after its work is done, its manufacturer says.

This product was developed after several years of tests with the assistance of a number of arborists in the Northeast.

Circle No. 192 on Reader Inquiry Card

## New Cushman sprayer covers lots of ground

Cushman introduces a 150-gallon sprayer with a 21-foot rear sprayer boom that enables the operator to cover up to 10 acres at a speed of 4 mph.

The breakaway sprayer boom includes a 5-foot center section and two 8-foot extensions that fold up for transport. The dripless spray nozzles can be adjusted for 10-inch, 15-inch, or





20-inch spacing. A handgun option allows the operator to spray hard-to-get areas.

The new sprayer features a low profile tank designed to mount quickly on the Cushman Turf Truckster. The noncorrosive polyethylene tank has a molded sight gauge and a 10-inch fill well with strainer basket. Dual jet tank agitation assures that chemicals remain in suspension for uniform application.

A high volume centrifugal pump rated at 14 gallons per minute at 100 psi is another feature of the sprayer. A shut-off valve in the 1 1/4-in. suction line allows the pump to be removed without draining the tank.

The unit is equipped with a brass valve with stainless steel ball for pressure adjustment, and an in-line strainer. The operator can adjust boom height easily with the special handle nuts, and the 8-way control section is accessible from the seat.

Circle No. 193 on Reader Inquiry Card

## Acme Spred-Rite C is crank powered

The Acme Spred-Rite C granule spreader by PBI/Gordon Corp. is a crank-powered, strap-on unit which facilitates accurate application of granular products such as Gordon's Dyclomec and Acme Norosac herbicides.

The band can be laid down with a



precision edge, and swath width may be adjusted from 2 to 12 ft. Applications for this unit include landscape settings, industrial sites, rights-of-way, and aquatic weed control.

Circle No. 194 on Reader Inquiry Card

# Quality is Still the Most Important Element.

EVERY PROFESSIONAL KNOWS THAT QUALITY IS STILL THE MOST IMPORTANT ELEMENT IN ANY COMPLETE TURF CARE PROGRAM. Let's face it - low price is no substitute for poor product. Challenged by tough turf problems together with rising costs, you just can't afford to play games with products that don't perform consistently and economically. You need quality turf products you can depend on.

You need **COUNTRY CLUB** and **GREENSKEEPER PROFESSIONAL TURF PRODUCTS** from **LEBANON**.

**COUNTRY CLUB** AND **GREENSKEEPER** FERTILIZERS ARE OF THE HIGHEST QUALITY HOMOGENOUS GRADES MADE TODAY - GIVING YOU MORE FEEDING POWER FOR YOUR DOLLARS. What makes homogenous fertilizers better? Each pellet contains a chemically-balanced combination of N-P-K, regardless of the material's sizing and coverage. The plant root needs only to come in contact with one pellet to receive a balanced diet. Consequently, you get even element distribution.

WHATEVER YOUR TURF NEEDS, THERE'S A **COUNTRY CLUB/ GREENSKEEPER** PRODUCT SPECIALLY FORMULATED TO MEET THEM - ALL WITHIN YOUR BUDGET! Backed with over 35 years of extensive university and end-use testing, we offer you the most complete line of fertilizers and control products available on the market as well as a full range of S.C.U. blends and chemicals.

**LEBANON CHEMICAL** has the flexibility to formulate exactly the analysis your turf tests indicate to be most beneficial. We are fully equipped to manufacture your private label requirements when needed.

EVERY **COUNTRY CLUB** AND **GREENSKEEPER** PRODUCT IS BACKED WITH A TOTAL COMMITMENT TO SERVE YOU BETTER. Our technically experienced staff is eager to assist you in solving turfgrass problems and will design a complete turf care program for you! Plus you're supported by **LEBANON'S** solid network of distributors throughout the country that ensure you of product availability and prompt service.

**THIS SEASON DEPEND ON COUNTRY CLUB AND GREENSKEEPER FERTILIZERS!!**

Call Today for more complete information.  
Distributor inquiries invited.

East	800-233-0628	New Jersey	201-329-4011
Pennsylvania	717-273-1687	Midwest	800-637-2101
New York/ New England	516-722-4500	Illinois	217-446-0983



**LEBANON CHEMICAL CORPORATION**  
P.O. Box 180, Lebanon, PA 17042  
P.O. Box 647, Danville, IL 61832



Circle No. 133 on Reader Inquiry Card