

BRIEFS



ANDERSON HEADS SALES OF BUSH HOG'S GOLF COURSE MULCHING MOWER
SELMA, Ala. — Jimmy Anderson has been named national turf manager for Bush Hog's golf course products.



Jimmy Anderson

Anderson is responsible for product development of Bush Hog's Mulch Pro TDM-11 golf course mulching mower. Mounted one above the other, the Mulch Pro's blades turn in opposite directions at speeds over 15,000 feet per minute. The lower blade mows the grass and lifts the clippings into the cutting circle. The upper blade cuts the clippings into fragments that are so small they disappear between the blades of grass.

HUMPHREYS RETURNS TO SCOTTS SOD DIVISION

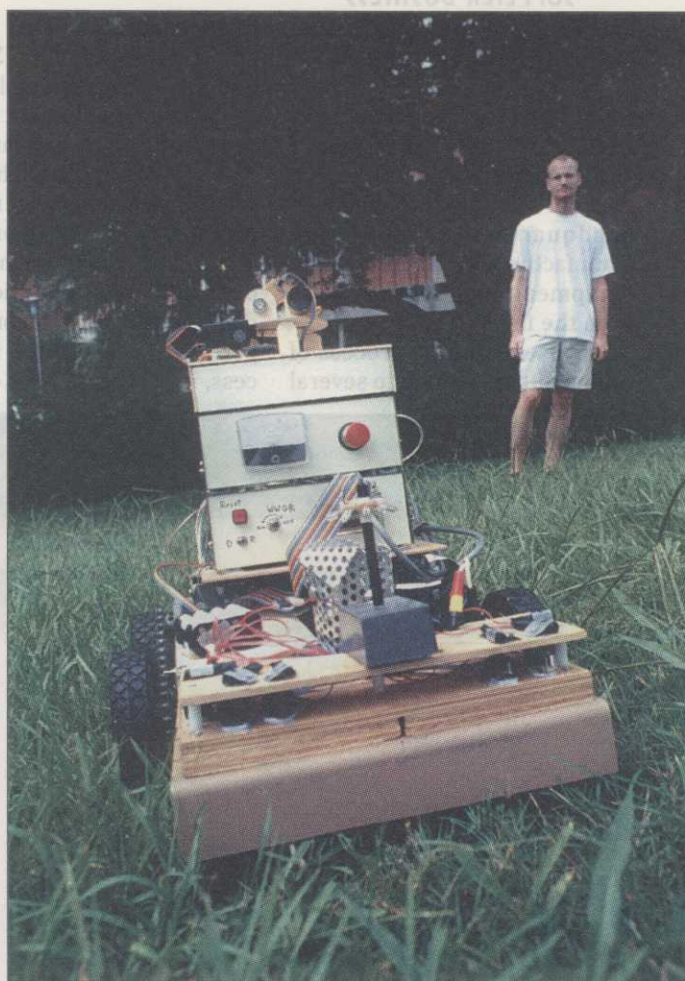
MARYSVILLE, Ohio — The Scotts Co. announced that Larry Humphreys has returned to the company as territory manager, sod grower sales. Humphreys, who has been in the sod industry for 23 years, worked at Scotts until 1995 when he left to join a competitive company. Less than three years later, he returned to team up with Jeff Cain, corporate sales manager, to provide Scotts' technical assistance and sales service to sod growers.

ZENECA PROFESSIONAL PRODUCTS NAMES NEW T&O SALES LEAD

WILMINGTON, Del.—Zeneca Professional Products has named Jerid Wendling as territory sales representative for western Florida. Wendling will be responsible for managing sales and distribution of turf and ornamental products, including Reward, Fusilade II, Heritage and Scimitar. Prior to joining Zeneca Professional Products, Wendling held the position of key territory representative for Ciba Crop Protection.

NEPTUNE ADDS PORTER

LANSDALE, PA — Neptune Chemical Pump Company, a manufacturer of metering pumps and water treatment equipment, has named Fred Porter as operations manager. Porter is responsible for manufacturing, engineering and facilities management. Previously, he had been with the Milton Roy Company for 16 years, holding positions of production superintendent and plant manager at the flow control division.



LawnNibbler technology could be coming to a maintenance shed near you.

LawnNibbler acquires taste for golf course turf

By FRED WRIGHT

GAINESVILLE, Fla. — A robot lawn mower called LawnNibbler, created at the University of Florida, may soon be pruning the tees and greens of the neighborhood golf course.

Designed by the university's Machine Intelligence Laboratory, the prototype can cut grass intelligently — avoiding dogs, kids, trees and golfers. It uses a radio wire buried at the perimeter of its work area and a navigation beacon system using sonar and infrared emitters and detectors that tell it where it is in its environment.

The LawnNibbler has four wheels, a chain drive, electric motor and lead acid battery and it works on the principals of a tank: It can turn on a dime — or a divot.

"We've done no engineering to date in terms of en-

durance," explains Keith Doty, director of the lab who designed the original model two years ago, but he estimates the LawnNibbler can run several hours before needing a recharge.

A graduate student, Kevin Hakala, added sensors and a guidance system last year.

The buried wire acts as an obstacle that the LawnNibbler cannot cross. Just 24 inches high, the LawnNibbler is just under 24 inches long and just over 12 inches wide. It weighs 35 pounds.

"The microprocessor control allows it to spin on itself, left, right, back, forward," Doty said. The navigation system uses a trilaterization process, like a Global Position System (GPS) using a satellite, from three poles placed to define the LawnNibbler's territory.

"The game plan is to have a robot dog house — the LawnNibbler would go to the

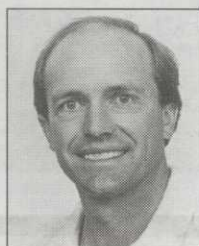
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Pate dives into equip. distribution

By MICHAEL LEVANS

PENSACOLA, Fla. — Add turf maintenance equipment distribution to the list of Jerry Pate's golf business ventures.

Pate — a TV analyst for CBS Sports, golf course designer, golf course owner and operator, turfgrass grower and ex-PGA Tour player — has purchased Gulf Shores Turf Supply, a 17-year-old wholesale and retail distributor of Toro, Echo and Lawnboy products covering northwest Florida, south Alabama, western Tennessee, Arkansas, Louisiana and Mississippi.



Jerry Pate

Along with equipment sales, Pate said Jerry Pate Turf Supply will offer research services, design and specification of irrigation projects, equipment consulting and continuing education for turf maintenance professionals.

As Gulf Shores, the company reported more than \$25 million a year in sales and employed 90.

With all the other irons in the fire — including his Wausau Farms, a turf farm in Wausau, Fla., one of the exclusive growers of Floradwarf, a hybrid Bermudagrass — why the interest in turf equipment distribution?

"I've always had a love for turfgrass, agronomy and turfgrass management," said Pate. "It all ties together. I've been a customer of Gulf Shores for 20 years, it's a nice size business and its in the town where I live."

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AgriBioTech to take Zajac, affiliates

LAS VEGAS — Dr. Johnny Thomas, chief executive officer of AgriBioTech, has announced that the company has signed four separate letters of intent to purchase Zajac Performance Seeds Inc. and its Oregon affiliate (Zajac), Ohio Seed Co. (Ohio Seed), Van Dyke Seed Co. Inc. (Van Dyke) and Las Vegas Fertilizer Co. Inc. (LVF).

The four companies have combined annual revenues of approximately \$46 million.

The effective dates for the purchases are Jan. 1 to March 1; consequently, the acquisitions should contribute approximately \$20 million of revenues to AgriBioTech's current fiscal year, ending June 30, 1998.

AgriBioTech is purchasing the four companies for approximately \$15 million in cash and 1,255,000 shares of AgriBioTech common stock with an aggregate value of \$14.6 million

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NEW PRODUCT OF THE MONTH

ANAHEIM, Calif.—The Taylor-Dunn Manufacturing Co. has entered the outdoor market with the Roadmaster, a new gasoline-powered vehicle. Designated the model R6-80, the Roadmaster is made of 16-gauge Diamond Plate Steel and can carry as much as 1,000 pounds over rough, uneven surfaces. The Roadmaster was designed for situations requiring around-the-clock operation, precluding the use of electric-powered vehicles that need recharging several hours a day. Powered by a quiet, nine-horsepower engine, the Roadmaster has a range of up to 100 miles. The engine meets the strict, low-emissions standards of the California Air Resources Board. For more information, contact Taylor-Dunn at 310-393-0622.

ProStar obtains new EPA labeling

MONTVALE, N.J. — AgrEvo has announced that its fungicide, ProStar 50 WP, recently obtained new labeling from the EPA for both preventative and curative suppression of fairy ring.

The disease, caused by the puffball mushroom, plagues putting greens by growing unnoticed within the soil, causing necrotic/hydrophobic rings, of-

ten leading to localized dry spot, spawning unsightly mushrooms.

As a result of the EPA approval, ProStar 50 WP is now labeled for three types of fairy ring treatment: preventative treatments on newly built or rebuilt putting greens; preventative treatments on existing putting greens with a history of fairy ring prior to periodic visible signs of rings;

and curative treatments at first signs of development (greening, death of turf, mushrooms) to suppress growth.

The EPA approval was supported by results of a 1994 University of Florida test conducted by pathologist Dr. Monica Elliott in which she concluded that ProStar 50 WP stopped mushroom production on a USGA specification research green.

Lofts presents annual royalty check

NEW BRUNSWICK, N.J. — Dr. Richard Hurley, executive vice president of Lofts Seed, recently acknowledged the company's commitment to turfgrass research at Rutgers University by presenting its annual royalty check.

The check, which totaled \$822,522.49, was presented to Dr. Reed Funk, Dr. Bill Meyer,

Dr. Dan Rossi and Bruce Clarke of Rutgers University and to members of the turfgrass research program. The Presentation took place at the Rutgers Horticultural Farm II.

"Our relationship with Rutgers has been so rewarding for both Lofts and the university turfgrass research program. Rutgers continues to be a leader in turfgrass development and Lofts Seed is glad to be part of that effort," said Hurley.

Lofts Seed also annually presents Rutgers with scholarships for turfgrass students from the Peter Selmer Loft Scholarship Fund which to date has provided funding for over 150 scholarships. This year, Lofts awarded a record number 28 scholarships.

AgrEvo awards turf scholarships

MONTVALE, N.J. — AgrEvo recently announced the winners of its annual Turf Scholarships.

Winners included: Anthony Palesano and Travis Outlaw of Oklahoma State University; Sean McDonough of Oregon State University; Dallas Smith of Texas A & M University; and Michael Fricault and Paul Fox of the University of Florida. Each received a \$500 scholarship to be used toward the study of turfgrass management.

According to George Raymond, AgrEvo green industry marketing manager, "In today's era of technology, we recognize the educational needs of future turfgrass managers, therefore, we have a viable interest in their professionalism."

Jerry Pate

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Pate believes his passion and experience will trickle down to increased service and increased sales.

"I owned a 36-hole development [Tiger Point in Pensacola] for eight years," he said. "When you're on that side of the business you learn the needs of a golf operation. You learn the difference between good equipment and not-so-good equipment and you learn the difference between good service from a distributor and not-so-good service."

Meanwhile, Jerry Pate Golf Design currently has four projects under construction and several jobs pending. Pate recently joined forces with Tom Fazio on a second 18 holes at Dancing Rabbit Golf Club in Philadelphia, Miss. Dancing Rabbit is Pate's fourth design collaboration with Fazio.

GOLF COURSE NEWS



Raymond P. Kestyn

1-2-3™

I incorporated ROOTS 1-2-3™ into my turf maintenance program this year and saw a dramatic improvement in both wear resistance and root growth, also the chelated iron gave the grass a nice green color without any additional growth surge.

With so many different products on the market today, it is nice to find something that you can actually see the results from. I regard ROOTS 1-2-3™ as another tool in my maintenance program.

Steven W. Renzetti, CGCS
Wykagyl Country Club
New Rochelle, New York

ROOTS inc. 3120 Weatherford Road • Independence MO • 800 342-6173

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