

Four Fairway Mowers to Choose From

- Hydraulic Reel Drive
- 2-or 4-Wheel Drive
- Diesel Liquid-Cooled Engine
- Lightweight (5100/5300-D)
- Mid-Sized (6500-D)
- Heavyweight (3500-D/4500-D)

REELMASTER® 5100-D / 5300-D. (below) An advanced standard of lightweight fairway mowing — delivering enhanced playability, reliability and a new dimension of serviceability.



REELMASTER® 6500-D. (at right) Has the capacity to take charge of your most challenging fairway conditions. It's lightweight, agile and ushers in a new era of features which enhance quality of cut and after-cut appearance. You'll come to know it as the first truly mid-sized fairway mower.





REELMASTER® 3500-D. (above) A versatile, hard-working triplex mower. Deisgned to mow a wide range of turf areas — hills, formal and informal turf.



REELMASTER® 4500-D. (above) Superior playability. Superior cutting technology with exclusive variable reel speed and proven reliability with power to spare.

CALL MTI AND TEST THEM TODAY -





14900 21ST AVE. NO., PLYMOUTH, MN 55447 (612) 475-2200 • 1-800-362-3665

HOLE NOTES

Official Publication
of the
Minnesota Golf Course
Superintendents' Association

1994-95 MGCSA BOARD OF DIRECTORS

Officers

President
Vice-President James Gardner, CGCS Rochester G&CC 507/281-3241 • Fax: 507/282-8682
Secretary
TreasurerTom Kientzle, CGCS The Pines at Grand View Lodge 218/963-7732 • Fax: 218/963-2269
Ex-Officio

612/736-8791 • Fax: 612/733-5009

Directors
William S. Cox
Butch Greeninger MTI Distributing Co. 612/475-2200 ext. 202 • Fax: 612/475-0351
Richard Grundstrom Indian Hills GC 612/770-3091 • Fax: 612/770-2302
Thomas Johnson New Richmond GC 715/246-4850 • Fax: 715/246-7059
Monty Montague National Mower/ Turfco Mfg., Inc. 612/646-4079 • Fax: 612/646-2887
Charlie PoochLes Bolstad U of Minn. GC 612/627-4138
Dave Sime
Fred Taylor
Pat Walton, CGCS Rolling Green CC 612/478-2179 • Fax: 612-478-6025

EDITORIAL COMMITTEE

Tom Johnson Scott Turtinen Larry Vetter

EDITOR Tom Johnson

Editorial and Business Office
Scott Turtinen, Executive Director
Minnesota Golf Course
Superintendents' Association
240 Minnetonka Avenue South/P.O. Box 617
Wayzata, Minnesota 55391-1617
TEL: 612/473-0557 • FAX: 612/473-0576
TOLL FREE: 800-642-7227

FROM YOUR PRESIDENT'S DESK

Take Time to Smell The Blossoms and Wear a Smile



The coach comes into the locker room after the game. He motions to the veteran hockey player to step into his office. The hockey player closes the door and looks down at the coach sitting behind his desk. The coach stares up at the player and mumbles, "You've been traded. Pack your gear and head on out of here." The player is stunned. No warnings. No reasons. How could this happen? What am I goin' to do? This changes the whole picture. . . .

This story happens all the time in the world of professional sports. Does this happen to golf course superintendents? It happened to me, well sort of. Two months ago all was fine with my current position. There were no changes forecast in my future. But a few conversations led to a couple of interviews and all of a sudden there was an opportunity for me to grow professionally and accept new challenges. Do I stay or do I go? I chose the latter. Change is not easy but change is healthy. I am very excited and look forward to my new responsibilities.

* * * *

How is it that when 50-100 golf course superintendents and associate members gather to share and disseminate information at the monthly meetings that we can significantly change the weather? We are now two for two at monthly meetings on bringing out the bad weather (or was that rain beneficial to some folks?). Thanks to Tom Parent and his staff for preparing the course for the few brave souls, Greg Hubbard, et al. The pump house visit was beneficial to me on some immediate decisions for my new project. Perhaps next month at Bemidji, Tom Johanns and staff can roll out the green carpet and we can actually play golf.

* * * *

There are many issues that the MGCSA Board of Directors has acted on or is following up on. Here are a few on that list:

- - Environmental . . . issued an Environmental Statement for the MGCSA
 - Hole Notes increased advertising rates to offset higher costs in publishing our fine publication
 - Human Resources close to sending out a comprehensive survey to improve the professionalism of our association
 - Officenew rosters have been sent out
 - Ex-Officio looking for prospective Board candidates
 - Arrangements looking for host sites in 1996 and beyond
 - Scholarship putting together a Legacy Award
 - Research building relationships with the MTGF, U of M, MGA

This time of year can get very hectic and chaotic. Don't let the stress of our jobs get to you. Take time to smell the blossoms and wear a smile. Enjoy yourself and others will enjoy you, too.

Kevin Clunis
 President

HOLE NOTES is published monthly except bimonthly December/January, February/March for \$2 an issue or \$20 per year by the Minnesota Golf Course Superintendents Association, 240 Minnetonka Avenue South, Wayzata, MN 55391-1617. Scott Turtinen, Publisher. Application to mail at second class rates is pending at Wayzata, MN. POSTMASTER: Send address changes to HOLE NOTES, 240 Minnetonka Avenue South, Wayzata, MN 55391-1617.



GREENSAIRE® 24 —Developed for greens and other fine turf areas, it pulls 100,000 more cores on 10,000 square feet than the competition, making it the ultimate in greens aeration.



 GA^{16} 30 —A combination of variable core spacing, speed, and precision coring. Aerate greens, tees and fairways up to a depth of 3.75 inches.



GA™ 60 AERATOR—Has proven to be more effective than any competing tractor-pulled reciprocating fairway aerator on the market.



RENOVAIRE®—Designed with the "true contour" principle in mind, each pair of tine wheels is independently mounted to follow the contour of the land.

We cover the hole thing

Make Ryan® aerators a part of your hole maintenance program. For small, compact spaces, undulating terrain or wide-open spaces, nothing aerates more effectively than equipment from Ryan. For golf, sports or grounds aeration the only name you need to know is Ryan and Cushman.

Call today...

(612) 333-3487 or Toll Free 1 (800) 759-5343 for a free on site demonstration.



Driven to be the best.

CUSHMAN MOTOR CO., INC.

CUSHMAN TURF-CARE EQUIPMENT

2909 E. FRANKLIN AVE., MINNEAPOLIS, MN 55406 • (612) 333-3487 • TOLL FREE 1-800-759-5343 • FAX: (612) 333-5903

PROFILE OF A SUPERINTENDENT

By Scott D. Austin
Midland Hills Country Club



Greetings from Midland Hills Country Club! Please allow me to introduce myself. I'm Scott D. Austin, CGCS. I have worked at Midland Hills C.C. for the past 10 years, 1½ years as Assistant Superintendent and 8½ years as Superintendent. This article, basically a condensed autobiography, will briefly touch upon the following areas:

- Background Information
- Work & Education History
- Midland Hills History
- Management Philosophies

One of the first things that you should know about me is that I'm a "Bells and Whistles" type of person. I'm completely fascinated with the cutting-edge technology that surrounds our daily lives, such as the fax machine, computers, cellular phones, CD players etc., etc. Why, for a couple hundred dollars you can even "tee it up" with a 'Bubble-Shafted' driver. Incredible!

Background Information

Age: 40

Home: Mahtomedi

Family: Lisa, forever young; Carrie, 8 yrs.; Billy, 3 yrs. Hobbies & Interests: Woodworking, Gopher Sports, Lutsen Cabin, Winter Skiing, Martial Arts and of course – GOLF! USGA Index: 8.6

Personal Accomplishments: Private Pilot's License, Tae Kwon Do – Purple Belt, CGCS, Played and stayed at Augusta National.

Work and Education Information

I was born and raised in Owatonna. I grew up in a very athletic and competitive family, consisting of one sister and three brothers. My parents were avid golfers and gave me my first "set" when I turned 8 years old. For the next nine summers I basically lived for golf, playing almost daily at the Owatonna Country Club. When I turned 17 years old my mother STRONGLY suggested that I find a summer job and a life! I quickly determined that working outdoors and being around golf would suit me fine. Thus, in 1972 my career in Turfgrass Management began when I joined the Owatonna Country Club's ground staff. My lengthy work and education history looks something like this:

1972, 1973	Owatonna C.C.	Laborer
1974	Owatonna Ice Arena	'Ice Specialist'
1975	Havana Hills Par 3	0
	Owatonna, Minn.	Superintendent
1975	College of the Desert	E 4 D
	Palm Desert, Calif.	Turfgrass Prog.
1976, 1977	Brooktree G.C.	
	Owatonna, Minn.	Superintendent
1976-1978	Penn State University	
	State College, Pa.	Turfgrass Prog.
1978	Cherry Hills C.C.	
	Denver, Cola	
	(Hosted 78th U.S. Open)	Apprentice
1978,1979	City Park G.C.	
	Pueblo, Colo.	Apprentice
1979 (Fall)	Southview C.C.	
	West St. Paul, Minn.	Apprentice
1980	Hazeltine National G.C.	Construction
	Chaska, Minn.	Crew
1981	Silver Bay C.C.	
	Silver Bay, Minn.	Superintendent
1982	Institute of Art	
	Minneapolis, Minn.	Superintendent
1983	Westbank Ranch G.C.	•
	Glenwood Springs, Cola	Superintendent
1984-5/85	Sawmill G.C.	
	Stillwater, Minn.	Superintendent
1985,1986	Midland Hills C.C.	a nesses 🛥 totalense purestores associo (10 milios)
	Roseville, Minn.	Assistant
1987-Present	Midland Hills C.C.	
2001 21000110	Roseville, Minn.	Superintendent
	210000000000000000000000000000000000000	

Early in my career I always thought that the perfect job lay just over the horizon. I suffered from the "grass is always greener on the other side of the street" syndrome. In retrospect, the chase was always more exciting than the catch. The lesson that I eventually learned is that all jobs have many of the same challenges, frustrations and rewards and that there is no such thing as the "perfect job"!

As crazy as it sounds, I realized after completing my first season at the Owatonna Country Club that Turfgrass Management was the career for me to pursue. I am forever grateful to Dale Aden, O.C.C. Superintendent, for giving me the inspiration, encouragement and counseling that eventually allowed me to attend his alma mater, Penn State!

(Continued on next page)

HOLE NOTES • 5

Superintendent Profile -

(Continued from Page 5)

Although I was rejected by Penn State, my determination never lost momentum. I was informed by the administrator at PSU that my chances for acceptance the following year would improve if I had one year of college "under my belt." I enrolled at the College of the Desert (no kidding, it's for real) in its Turfgrass Management Program. I was fortunate to make the school golf team (whose mascot is the roadrunner!) and play golf most every day at such courses as Ironwood C.C., Mission Hills C.C., The Springs, Indian Wells C.C., Canyon C.C. to name a few. It was really an unbelievable experience. Oh, I almost forgot, I did go to school from 8:00 until noon. Anyway, I will never forget how I was momentarily disappointed when I received my acceptance letter from Penn State. The move from the West Coast to the East Coast finally became reality.

Midland Hills History

Briefly, Midland Hills was initially established by a group of University of Minnesota faculty members. In 1920 the Seth Raynor design was constructed on 160 acres, formerly the old Walsh and Anderson farmland. The greens, tees and fairways consist of bent/poa and are watered by a doublerow, Toro 630/670 hydraulic irrigation system. We are in the process of switching over from the Vari-time II controllers to the new OSMAC, windows version, control system, along with the Campbell Scientific weather station. The golf course statistics are as follows:

Tees	Yardage	Par	Rating	Slope
Red	5831	74	75.1	137
White	6344	72	71.5	131
Blue	6560	72	72.4	134

During the past 75 years there have been **only** nine Greenskeepers/Superintendents entrusted with the responsibility to manage this great track of land called Midland Hills. They are:

1920-21William Youatt
1921-1927 Martin Rasmussen
1928-1947 Emil Picha
1947-1954 Clarence Reynolds
1955 George Ostler, Sr.
1956 Mr. La Barre
1957-1983John Fuller
1984-1986 Paul Mayes
1987-Present Scott Austin, CGCS

The future looks bright for Midland Hills. We are preparing to renovate the driving range, as well as implement the golf course master plan, which was designed by Dr. Michael Hurdzan. In addition, the long range planning committee is also considering the options associated with renovating or replacing the clubhouse.

Philosophies

My management philosophies and beliefs are relatively simple. First, I believe that my greatest asset is my staff. I pride myself on hiring and retaining a nucleus of dedicat-

ed, honest and hardworking individuals. Secondly, I believe in providing my staff with a clean, safe, comfortable and fun work environment. Thirdly, I try to give them the necessary training or guidance that they may need and then give them an opportunity to make a mistake. That's right an opportunity to make a mistake. There was a time when I thought that I had to do much, if not all, of the important "stuff" so that it would get done just right. Well, I eventually realized that once competent individuals were trained properly, they could perform most tasks as good and usually better than I could. The important "take-home message" that I try to give my staff is, if they make a mistake, they need to learn a lesson so that they can keep from repeating it over and over and over again! My greatest job satisfaction is teaching young men and women the how, when and why's of this profession. I hope that eventually I will have an opportunity to inspire, encourage and counsel an individual into pursuing a career as a Golf Course Superintendent! Finally. I try to live one day at a time and follow these simple rules:

- Treat others as you would like to be treated
- Know the difference between right and wrong
- Do what's right!

Par Ex° introduces a family of mid-sized fertilizer grades designed to meet the needs of today's closely-mowed turf.

Par Ex* and IBDU* are registered trademarks of Vigoro Industries, Inc.

WHY MID-SIZE GRADES FOR CLOSELY -MOWED TURF?

BECAUSE fairway-sized particles are too large to apply to closely-mowed turf.

BECAUSE greens-sized products can be difficult to spread.

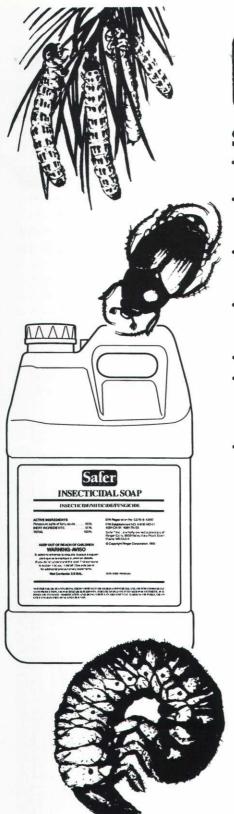
BECAUSE IBDU is the most reliable, most consistent source of slow-release nitrogen.

For more information contact:

Precision Turf & Chemicals 3145 Sycamore Lane Plymouth, MN 55441 612/559-5293

> Ken Quandt Territory Manager West Allis, WI 414/327-3993

6 • HOLE NOTES JUNE 1995





SynerPlex®

- High Performance Fast knockdown formula!
- Broad spectrum insecticide for surface feeders and other insect pests.
- Wide product use, shade and ornamental trees, turf and ornamentals.
- Unique patented synergistic soap and pyrethrin technology combination.
- · Cost effective.
- Low environmental impact, caution label, non cholinesterase inhibitor, short persistence in the environment.
- Little chance of insect resistance.



- Selective insecticide. Kills softbodied insects such as cutworm, sod webworm, chinch bug, aphids, tent caterpillar, gypsy moth, mites, mealy bugs, and white flies.
- Synergizes other chemistries at a 1-2% solution.
- Multi use product, use on shade and ornamental trees, turf, shrubs, and flowering plants growing outdoors and in interior scapes.
- Low environmental impact, high LD50, not a cholinesterase inhibitor, gentle on hard bodied beneficial insects such as honeybees and lady bugs.
- · Cost effective.



Safer

SynerPlex*

YRETHRIN and INSECTICIDAL SOAP - CONCENTRATE



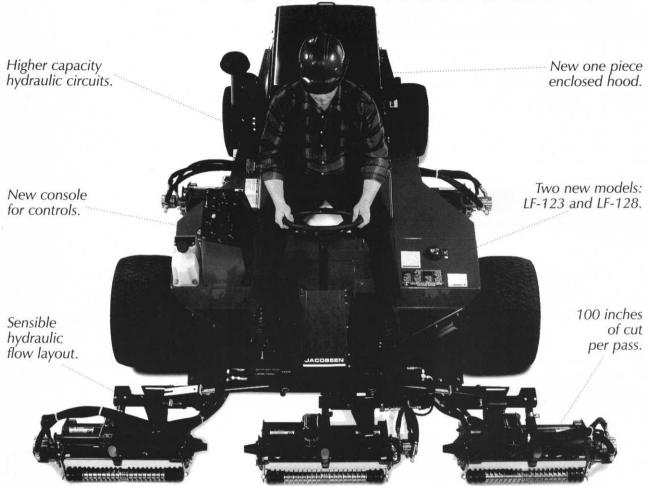
3080 Centerville Road St. Paul, MN 55117 (612) 484-8411 (800) 592-9513

The Environment is Right for Safer Brand Products. Naturally!





2 new models. 5 extra inches. 11% more common sense.



Introducing the 23-horse LF-123 and the 28-horse LF-128. Both offer common sense where you need it most.

More horsepower per inch of cut. Even with fewer horses than the nearest competitor, we deliver up to 11% more horsepower per inch of cut. How? By featuring hydraulic flow layouts that get power to cutting units more sensibly. Instead of one pump being responsible for more cutting, each shares work evenly. The result: superior cutting capacity—even in thicker, heavier grass.

More inches per pass. You get a 5" wider swath than the nearest competitor—a full 100 inches of cut per pass.

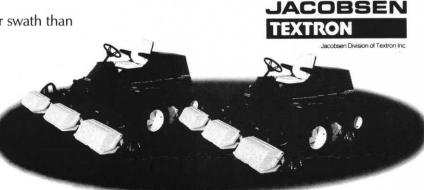
More sensible features. New, more ergonomic controls mean more operator convenience. A stylish, new enclosed hood design lowers sound levels and makes accessibility easy. And the optional, one-of-a-kind Turf Groomer® fairway conditioner creates the ultimate fairway playing surface. Both two-wheel and four-wheel-drive models are available. Ask your lacobsen dealer for a demonstration.

THE PROFESSIONAL'S CHOICE ON TURF.



NORTH STAR TURF, INC

3080 Centerville Road St. Paul, MN 55117 (612) 484-8411 (800) 592-9513



Minnesota May Spur Nationwide Use Of Head Protection and Roll-Bars

Minnesota may not traditionally be viewed as a "trendsetter" state like California or Florida, but new enforcement tactics by the state's Department of Labor & Industry may spur a nationwide move toward the use of head protection and equipment roll-bars.

According to a letter circulated to superintendents and other interested groups in the state, Minnesota OSHA plans to upgrade enforcement based on two rules:

"Rollover Protection and seatbelts are required on all motorized, self-propelled vehicles and mowers that are equipped with a 20 horsepower motor and above (§ 182.653, Subp. 2). Four-wheeled vehicles and mowers operating on flat terrain only will be exempt. Three-wheeled vehicles have no exemption."

"Any employee exposed to flying objects or subjected to possible injury by flying objects needs to wear head protection (such as a hard hat). Employers are required to provide this head protection for their employees."

The letter goes on to make it clear that golf courses are

a primary focus of both new enforcement initiatives.

According to Joe Moris, immediate past president of the Minnesota GCSA, the chapter plans to work with state OSHA to communicate the decision and help superintendents comply.

Jules DeCoster, a former superintendent who now serves as a risk management consultant for golf courses, says head protection should be standard for workers in high risk areas of the course. "It's crazy not to provide hard hats," DeCoster says. "It doesn't cost a lot, and the superintendent's neck is stuck out a mile if he isn't doing it."

One unclear issue: What is the safety standard for head protection? DeCoster and several safety products representatives agree that OSHA does not provide a clear ANSI standard or other guidance for protection from small flying objects like golf balls. But, according to DeCoster, any effort to provide protection will help reduce the potential liability a course could incur.

- Briefing, March/April 1995



WAREHOUSE SALES INC.

- Maxi V, Maxi Basic, Maxi Freedom, Computerized and Linksmaster, Central Control Systems.
- Solid State and Electro-Mechanical Satellite Systems.
- Gear or Impact Driven Sprinklers, Valve-in-Head, Stopamatic, Electric and Hydraulic.
- Brass and Plastic Zone Valves, Electric and Hydraulic
- Pump Station Equipment VFD and Conventional Technology, New or Retro-fit.
- Piping, Fittings, Wire, Valves, Boxes, etc.

For Information on New Installations or Upgrading Your ExistingSystem,
CALL (800) 422-1487

P & H Warehouse Sales, Inc.
Distributors of Quality Turf Irrigation Products

Since 1968



RAIN-BIRD GOLF

PLYMOUTH

9835 10th Avenue North Plymouth. Minnesota 55441 612-542-1188 FAX 612-546-7515

EAGAN

1971 Seneca Road Eagan, Minnesota 55122 612-687-0282 FAX 612-687-0382

ST. CLOUD

415 Sundial Dr. Waite Park, Minnesota 56387 612-259-6448 FAX 612-259-0165

OSMAC.





Irrigation Control System

from Toro and Motorola

OSMAC can convert ANY irrigation control system.



MOTOROLA

Using the hand-held portable radio, you can command your irrigation system from anywhere on your course. You can command your system to run any station or group of stations you choose either sequentially or simultaneously, when you choose it.

And, with either the hand-held portable radio or a telephone, you can even command your system from your home, when that's more convenient.







MAIN OFFICE:

PLYMOUTH

14900 21ST AVE NO PLYMOUTH, MN 55447 612-475-2200 1-800-362-3665

FRIDLEY

8041 RANCHERS ROAD FRIDLEY, MN 55432 612-785-2430

BURNSVILLE

1103 RIVERWOOD DRIVE BURNSVILLE, MN 55337 612-890-3720

FARG

4310 MAIN / E FARGO, ND 58104 701-281-0775 1-800-782-1031