

6V
975
A1
P3
1978

April 1978



SERIALS

A PATCH of GREEN

Official Publication of the
Michigan & Border Cities Golf Course Superintendents Association

We have the most complete line of turf chemicals in the midwest.

Weed-Killers • IBDU-fertilizers • Foggers
Diquat • Acti-Dione • Caddy • Cadminate
PMAS • Malathion • Microgreen • Dursban
Kelthane • Diazinon • Sevin • Proxol
Aqua-Gro • Spot-Kleen • Daconil
Hydro-Wet • Thiram • Dacthal
Fungo • Dyrene • Cleary 3336
Tersan 1991, LSP, SP
Calo-gran • Namacur



**J.J. DILL
COMPANY**

CHEMICALS • PESTICIDES • EQUIPMENT
P.O. BOX 778 KALAMAZOO, MICH. 49005

Representing many reputable companies:

American Cyanamid
Diamond-Shamrock
Geigy
Amchem

E.I. DuPont
Swift
FMC
Kalo Labs

Elanco
Mallinckrodt
Upjohn
Velsicol


Delavan
Dow
Rhodia
Chemagro

**IN MICHIGAN CALL TOLL FREE
FOR FURTHER INFORMATION
800 - 632-4057**

OTHER STATES CALL (616) 349-7755

*Truckload distributor and formulator insuring competitive
prices and prompt delivery.*

**We feature custom building of spray apparatus
by our trained service technician.**



Tire Wholesalers Company, Inc.

19240 West Eight Mile Southfield, Mich. 48075
($\frac{1}{2}$ Mile West of Southfield Road)

Phone: (313) 354-5644

MICHELIN



jtw



**TRUCK - CAR
TRAILER
MOTORCYCLE
INDUSTRIAL
TIRES**

WE STOCK
from 450/310-5 2 Ply
to 18-22.5 20 Ply

**WHOLESALE PRICES
TO COMMERCIAL
ACCOUNTS**

CALL GREG OR ROSS FOR A PRICE



**MICHIGAN & BORDER
CITIES GOLF COURSE
SUPERINTENDENTS
ASSOCIATION**

PRESIDENT

CLEM WOLFROTH
DETROIT GOLF CLUB
530 Kendry
Bloomfield Hills, Michigan 48013
Off. 345-4589, Res. 334-0140

VICE PRESIDENT

BRUCE WOLFROTH, CGCS
BARTON HILLS COUNTRY CLUB
639 Barber Street
Ann Arbor, Michigan 48105
Off. 662-8359, Res. 663-9213

SECRETARY-TREASURER

ROBERT HOPE, CGCS
THE LOCHMOOR CLUB
20740 Marter Road
Grosse Pointe Woods, Michigan 48236
Off. 881-8112, Res. 884-8684

BOARD OF DIRECTORS

JAY DELCAMP
GOWANIE GOLF CLUB
19957 Great Oaks Circle South
Mt. Clemens, Michigan 48043
Off. 468-1432, Res. 791-8481

ED HEINEMAN
WATERS EDGE COUNTRY CLUB
10531 Bellevue
Grosse Ile, Michigan 48138
Off. 675-0927, Res. 676-3095

ROGER O'CONNELL, CGCS
RED RUN GOLF CLUB
P.O. Box 38
Royal Oak, Michigan 48068
Off. 541-8184, Res. 399-6916

WARD SWANSON
PLUM HOLLOW GOLF CLUB
29642 Westfield
Livonia, Michigan 48150
Off. 352-2436, Res. 421-8049

JAMES TIMMERMAN
ORCHARD LAKE COUNTRY CLUB
2474 Lafay
Orchard Lake, Michigan 48033
Off. 682-2150, Res. 682-7234

WALTER TROMBLEY, CGCS
ARROWHEAD GOLF CLUB
3130 Orion Road
Lake Orion, Michigan 48035
Off. 373-5240, Res. 693-2924

PRESIDENT EMERITUS

GEORGE W. PRIESKORN
BURROUGHS FARM GOLF CLUB
5341 Brighton Road
Brighton, Michigan 48116
Off. 227-1381, Res. 229-9437

"A PATCH OF GREEN"

Published monthly by the
**MICHIGAN AND BORDER CITIES GOLF
COURSE SUPERINTENDENTS ASSOCIATION**

Circulation: 1,250

Ted Woehrle, CGCS, Oakland Hills C.C.
James Timmerman, Orchard Lakes C.C.
CO-EDITORS

Printed At

BLAKEMAN PRINTING COMPANY
31823 Utica Road
Fraser, Michigan 48026
Phone: (313) 293-3540

MONTHLY ADVERTISING RATES

Double Page Spread.....	\$150.00
Back Outside Page.....	75.00
Full Page.....	65.00
Half Page.....	40.00
Quarter Page.....	30.00
Eighth Page.....	15.00
Sixteenth Page.....	10.00
Classified Ad (per column inch).....	7.50

DISCOUNT RATE: One Year 10%

Note: Advertising fees may not be deducted
from the above rates.

***This Month's
Advertisers...***

Century Supply Company
W. A. Cleary Chemical Corp.
The Cottage Gardens, Inc.
J. J. Dill Company
FDS Fertilizers
Golf Car Distributors
Huggett Sod Farm, Inc.
Lakeshore Equipment Corporation
Lawn Equipment Corporation
Lebanon/Agrico
W. F. Miller Garden
Northrup King & Co.
Rhodia Inc.
O. M. Scott & Sons Company
Sprinkler Irrigation Supply
Terminal Sales Corporation
Tire Wholesalers Company, Inc.
Turfgrass, Inc.
Turf Supplies, Inc.
USS Agri-Chemicals
Wilkie Turf Equipment Company

TURF TRUCKSTER SYSTEM.

Because the flexibility of the Cushman Turf-Care System saves you time and money. Here's how!

The System is built around the rugged, versatile 18 hp Turf-Truckster, 3- or 4-wheel model. With this one power source and options, you can haul, spray, spike, spread and top dress. And

save as much as 35% on equipment in the process.

Because, instead of buying separately powered units for each job, you buy only the Turf-Truckster and the modular Cushman accessories you need. So you pay less in total for equipment... and have only one power unit to maintain.



**CUSHMAN
TURF-CARE
EQUIPMENT**

OMC-Lincoln, a Division of
Outboard Marine Corporation
6201 Cushman Drive
P.O. Box 82409
Lincoln, Nebraska 68501

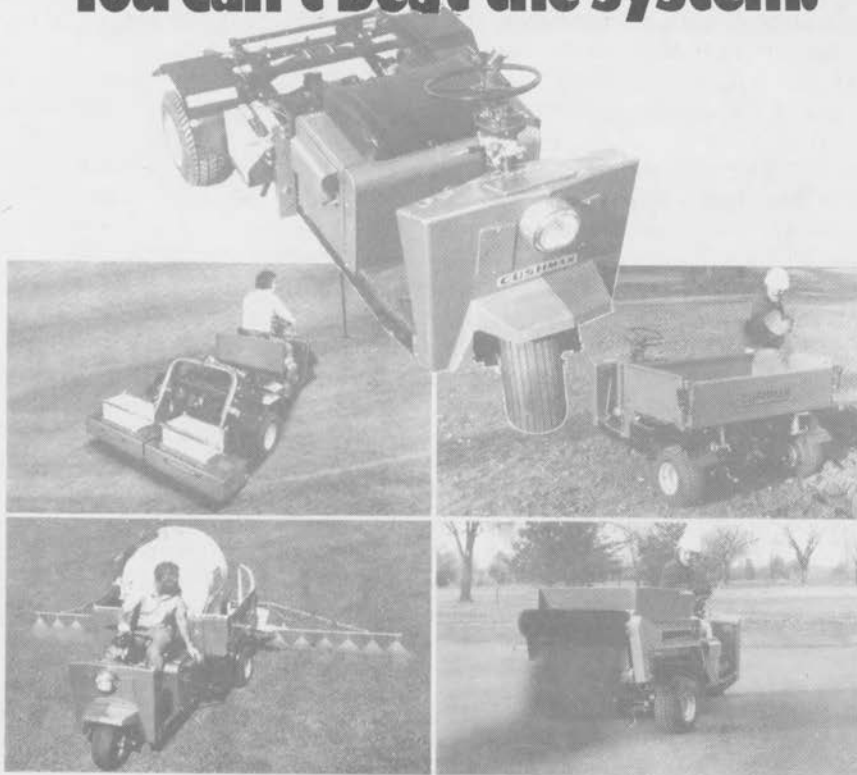
But that's not all.

The System is also a time saver that can cut your labor costs. Accessories mount on the back of the Turf-Truckster. Your men do their work quickly, efficiently... and then move on to the next job at speeds up to 22 mph. There's less wasted traveling time, so you get more work out of each hour of labor cost.

The Cushman Turf-Care System. Versatility, superior performance, economy. It's a tough system to beat.

Write today for your free Cushman Turf Care Catalog.

You can't beat the system.



**Don't Forget The
Early Bird Truck Load
Sale!!!
Special Prices Still In
Effect Till April 29**



GOLF CAR DISTRIBUTORS

1980 W. Wide Track Drive (U.S. 10)

Pontiac, Michigan 48058

Phone: (313) 338-0425

USGA Green Section A Helping Hand

By JAMES TIMMERMAN, Co-Editor

The initiation of the Regional Turf Conference Program, held at the Detroit Golf Club, March 16, 1978, is another example of the USGA extending a "helping hand" to the superintendent. We do commend this fine association and their staff for instituting this approach because it offers an excellent way for the superintendent and the Green Section to work together to help solve mutual problems.

The program for this day was geared to local and regional problems which will benefit us in the year to come.

If you stop to look at the history of the USGA Green Section you will find that it has always worked toward the goal of creating better turf conditions. It has done this in two ways: First, by supporting research at universities. Green Section supported research has been responsible for the development of new turfgrass varieties, new ways of green construction, understanding winter-kill and how to minimize its effects, disease and insect control, and much more that is too numerous to mention.

Without the Green Section we may never have had the benefits of 2,4-D or Merion bluegrass. In fact, the Green Section was the first association to carry on any type of turf research

and, I'm sure, supplied the impetus for the universities to do the excellent work they do today.

The second contribution, and probably the most significant, is that of communication. Through the Green Section Visiting Service, publications, and availability of trained agronomists, more valuable information has been passed to the superintendent than any of us can ever imagine. The benefits that my club has received over the years from the Visiting Service far outweigh the cost.

After all, communication is a vital part of any successful operation. With the ever increasing demands of our golfers for better playing conditions,

Continued on Next Page

Mrs. John Gray dies at age 79

Mrs. John Gray, wife of the late John Gray, our third President, passed away February 13, 1978.

Surviving Mrs. Gray are her son, Lyle, and a daughter, Mrs. Gordon McKay of Livonia, Michigan, and four grandchildren.

John Gray was Superintendent of Essex C.C. of Sandwich, Ontario for many years. He was President of GCSAA in 1940.

Up to 120-day relief with new Chipco Ronstar® G.

The preemergent herbicide that controls annual grasses and broadleaf weeds for up to 120 days with just one application.

RHODIA INC. AGRICULTURAL DIVISION
Monmouth Junction, New Jersey 08852



Remember, Safety First When Handling Chemicals

Golf course chemicals handle like golf course wives in one respect. When you continually work with them, you begin to take both for granted. That can lead to trouble, especially with pesticides.

The nonlethal reactions to pesticides are largely ignored or reported. Many cases of insecticide poisoning

could be passed off as a "bad case of the nerves" during spraying times. Insecticide poisonings don't always result in death. Insecticides are nerve poisons. Prolonged handling of toxic products over an extended period (15-20 days) could produce some fairly familiar symptoms.

Insecticides inhibit production of an enzyme called colinesterase which regulates nerve transmission. Relatively small amounts may be sufficient to cause blurred vision, headaches, nausea, and chest constriction.

Insecticides as a group are much more potent than herbicides. *Dasanite* is highly toxic to humans even thru skin contact.

Of the herbicides used on golf courses, Paraquat is probably the most toxic.

The risk to health and life may be substantial with careless pesticide handling. So follow some minimum safety procedures.

Stay upwind when you're mixing or pouring pesticides. Avoid inhaling fumes or dust. Use a respirator.

Wear long sleeved shirts and keep the sleeves rolled down while handling these chemicals.

Continued on Next Page

A Helping Hand Cont.

with the attacks of new insects and diseases, with the pressure of rising prices, and with the rapidly advancing technology, we need every avenue of communication open to us.

The Green Section, through the Regional Turf Conferences, has shown that it is aware of our needs by the willingness of its staff to cooperate with the superintendent at a very intimate level. I personally hope they will continue to work toward this goal, and encourage in return that we look to the Green Section and take advantage of the services available from this fine arm of turfgrass management.

I would also like to thank Clem Wolfrom, Bruce Wolfrom, the Detroit Golf Club and the Michigan and Border Cities Golf Course Superintendents Association for the effort they extended to make this conference a success.

***No synthetically produced fertilizer can compare with
MILORGANITE***

Golf Courses Use More

MILORGANITE

Than Any Other Fertilizer



TERMINAL SALES CORP.

12871 EATON AVE.
DETROIT, MICH. 48227
(313) 491-0606

Commercial Fertilizers Change Soil Reaction

Fertilizers have an effect on soil reaction. Some make the soil more acid, and others have the opposite effect.

Nitrogenous Fertilizers Have Greatest Effects: The fertilizers used to furnish nitrogen have the greatest effect on soil reaction. Some increase and others decrease acidity. The acid formers include ammonium sulphate, ammonium nitrate, ammophos, and Urea. The first two have the most pronounced effect because their ammonia becomes nitric acid in the soil. Sulphuric and nitric acids are powerful acids. The nitrogen of urea is changed to ammonia and then converted into nitric acid.

Cyanamid, sodium, and calcium nitrate make the soil less acid. The calcium in cyanamid becomes hydrate

of lime in the soil. When 100 pounds of cyanamid is used it is the same as applying 70 pounds of lime. Sodium and calcium nitrate reduce soil acidity. The nitrogen in them is used by the plant and the residue of sodium or calcium neutralizes acids.

Dried blood tends to make the soil more acid because the nitrogen becomes nitric acid and the blood does not contain calcium or other basic elements in quantity. Bone meal and animal or fish tankage make the soil less acid because they contain calcium carbonate. Other organics have little or no effect on soil reaction. Milorganite does not change soil reaction.

Superphosphate Reduces Acidity: Superphosphate has little effect on soil reaction. The tendency is for it to make the soil less acid because of the calcium it contains. The ammonium phosphates make the soil more acid as explained above.

Potash Fertilizers Increase Active Acidity Temporarily: Muriate and sulphate of potash are the principal sources of potash in fertilizers. The first effect of both is to increase the amount of soluble acid in the soil solution of an acid soil, but the final effect is to reduce acidity. This property is not pronounced.

Safety First Cont.

Wear rubber gloves on your hands, not in your pockets or on the tractor, while mixing or pouring.

Wear unvented goggles and other protective clothing as suggested by the pesticide label.

Avoid slopping or overfilling. This invites contact with the pesticide after you have finished handling it. Besides, it's a waste of something you've paid good money for.

How to kill weeds, stop diseases and make your job easier... all with one company... W.A.Cleary

Herbicides

MCPP • MCPPLUS 2, 4-D
METHAR 30 • AMA PLUS 2, 4-D
AMA (SUPER METHAR)

Fungicides

336 TURF FUNGICIDE
BROMOSAN • SPECTRO
CLEARY'S GRANULAR TURF
FUNGICIDE
SPOTRETE • PMAS (10%)
CADDY • CAD-TRETE

Specialties

ALL WET • TRU-GREEN
CLEAR SPRAY • GRASS-GREENZIT
TANK CLEANER • DEFOAMER
BALL WASHER

W.A.CLEARY CHEMICAL
CORPORATION

P.O. Box 10 Somerset, N.J. 08873 • (201)247-8000

Ask your Northrup King man what to do about traffic and he might start you on Parade.

Northrup King is a primary distributor of Parade Kentucky Bluegrass, a vigorous, remarkably wear-tolerant variety that provides rapid recovery from damage.

So if you've got a traffic problem and you ask your Northrup King man what to do about it, he might recommend Parade.

On the other hand, he might not. He might recommend another variety — or a blend or a custom blend—that will perform better under your particular circumstances.

That's the beauty of talking with a Northrup King man. He's not committed to any one approach. He's committed to finding the best solution to a given problem.

If that sounds good to you, write for the name of your Northrup King representative or distributor. He won't put you on Parade or anything else until he thoroughly understands your problem.



NORTHROP KING CO.

BOX 959 • MINNEAPOLIS, MINNESOTA 55440



Spring Horticulture Tips

By GREGORY PATCHAN, Extension Horticultural Agent

Dormant Sprays - Applications of dormant oil or lime-sulfur for the control of over-wintering insects and occasionally diseases should be well underway. Due to handling and staining problems with lime sulfur, few operators use this material. However; it is still one of the best for anthracnose on brambles and peach leaf curl. Do not use oils on sugar and Japanese maples, birch, beech, hickory and nut trees. Oil will temporarily remove the blue coloration from spruce.

Anthracnose of Shade Trees - (Oak, Sycamore, Maple) - A dormant spray of Bordeaux or Cyprex provides same protection for new growth. Zineb, Cyprex or mancozeb may be used for protection in late spring when leaves are partially developed. Spray protection can only be recommended for young and specimen trees from cost-return standpoint. Spring fertilization has been shown to be more beneficial to good tree growth and recovery from anthracnose defoliation than spray protection.

Spruce Gall - These pineapple shaped galls can be controlled by spraying with lindane about mid-April before new growth emerges.

Weed Control - Full season weed control for many weeds in shrub beds can be obtained with an application of

simazine (Princep) before weed growth begins. Granular formula are easier to apply uniformly. Be sure to check label recommendations for sensitive plants before application. Do not use where flowers are to be planted. Treflan is reported to have fewer plant injury problems, and it can be used where flowers are to be planted. Treflan is also available as *Preen*.

Crabgrass Control: Pre-emergent crabgrass control materials should be applied by the time forsythia is in full bloom. Recommended materials include Dacthal, Balan, Betasan and Tupersan. Tupersan should be used where areas are to be reseeded since this material provides selective control.

MBCGCSA Meeting Schedule for '78

April 11	Essex C.C.
May 9	Godwin Glen
June 6	Lakelands C.C.
July 11	Oakland University Course (Noon meeting at Silverdome)
August 1	Travis Pointe
August 22	Burroughs Farms - Picnic
August 31	Bay Pointe G.C.
Sept. 7	Golf Day
Sept. 13	M.S.U. Field Day
Oct. 3	Maple Lane Golf Club
Oct. 24	Grosse Ile G & CC
Bruce Wolfrom, Chairman	

Scotts
ProTurf

Helping the superintendent through turf research...

- Controlled Release Fertilizers
- Fertilizer/Pesticide Combinations

- Fungicides—Herbicides—Insecticides
- Soil Testing—Weed & Disease Identification

SCOTTS • LELY • GANDY SPREADERS

Finest quality turfgrass seed—Fairways • Greens • Tees • Roughs
Scotts Windsor and Victa blends

Steve Dearborn

Technical Representative
6152 Cold Spring Trails
Grand Blanc, Mich. 48439
Telephone: 313/695-2738

TORO

SAND PRO

It's proved it's a "pro" in the traps. There's never been a machine quite like it. It rakes and conditions sand to give the whole course a dressy new look. Now it spikes greens; takes over fine grading, scarifying, shaping and contouring of seedbeds; edges around traps; incor-top dressing; breaks up aerifier cores.



Altogether, the Sand Pro's as useful a machine as you can have around — and it's backed up by TORO people, by TORO parts and service and by our new one year warranty.



— DISTRIBUTED BY —

WILKIE TURF
Equipment Company

1050 OPDYKE ROAD PONTIAC, MICH. 48057
(313) 373-8800



*A Complete Line
of Nursery Plant Material*

- **SHRUBS**
- **SHADE TREES**
- **EVERGREENS**
- **ORNAMENTAL TREES**

Bare root, Potted or B & B

**We Welcome the Opportunity
To Bid on All Your Plant Needs**

The Cottage Gardens, Inc.



**S. Waverly and Bishop Rds.
Just off I-96; Logan St. Exit
Lansing, Mich. 48910
Phone: 517/882-5728**

Write for new complete wholesale catalog now available.

**ARE YOU INTERESTED IN JOINING THE
MICHIGAN AND BORDER CITIES
GOLF COURSE SUPERINTENDENTS
ASSOCIATION?**

Fill in the questionnaire below and mail to:



**BOB HOPE
The Lochmoor Club
20740 Marter Road
Grosse Pointe Woods, Mi. 48236
Off. 881-8112, Res. 884-8684**



NAME OF INTERESTED PERSON DATE _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____

Or you may contact the next golf course supplier who calls on you and give him the information needed for application.



FORE-PAR MANUFACTURING
CHICOPEE MANUFACTURING CO.
3M ENVIRONMENTAL PRODUCTS
AGRICO FERTILIZERS
FOX VALLEY MARKING SYSTEMS
E. I. DUPONT

ACTI-DIONE PRODUCTS
VELSICOL CHEMICALS
CONTAINER DEVELOPMENT
CYCLONE SEEDER COMPANY
MALLINCKRODT CHEMICALS

- DISTRIBUTED BY -



TURFGRASS, INC.

Phone: Area 313 437-1427

Ward Swanson, left, presenting the NORMAN KRAMER AWARD for outstanding scholastic achievement to James Lass.





Turf Topics

10 Good Reasons for Calling On SPRINKLER IRRIGATION SUPPLY CO.

1. In business since 1925
2. Only quality lines handled
3. Multi-stocking locations
4. Design service available
5. A Prof. Engineer on our staff
6. Experience in installations
7. Trained service specialists
8. Fair prices and terms
9. Nice people to deal with
10. Soft sell is our policy



Johns-Manville

Write or call direct



Sprinkler Irrigation Supply Co. A division of A.J. Miller Inc.
1316 No. Campbell Rd. Royal Oak, Mi. 48067 Phone (313) 398-2233
Chicago Sales Office/Warehouse
1738 Armitage Court, Addison, Ill. 60101 (313) 629-7730

REPRINTED FROM FLORIDA GOLF WEEK

Why your superintendent should be a golfer

I don't know personally of a lawyer who doesn't practice law, a doctor who doesn't use his knowledge to heal, an automobile mechanic who does not keep his hands at least partly greasy. I don't know of a chef who doesn't cook, a so on, ad infinitum.

I do know of clubs that do not allow their superintendents to play golf, except rarely. I even know superintendents who have never even played golf. I question either of these practices. Having been active since before grade school in the golf profession, and having had a father who had over 50 years in the business and other relatives in other parts of golf-related activities, from club members to employees, I just don't understand why a golf club would restrict the golf superintendents activity, playing golf. And I sure can't understand the superintendent who can't, or refuse to learn how to play the game.

How in the world can a non-golfer even understand all the intricacies of the game, a grassed golf course, if he cannot personally play the game, and come to appreciate the golfers' point of view?

I wouldn't want a non-participating doctor removing my appendix. I would not want an auto mechanic repairing my roof, and vice-versa. That's how important it is for the golf course Super to play the game. Years ago, my father was required to submit to the board two attested golf scores each and every week. No excuses were accepted for failure. It meant instant discharge.

His predecessor had been on the property as superintendent for over 20 years, and didn't even know the names of the clubs, much less how and

Continued on Page 16

USS Tournament 18-0-9...

We can tell you when it's needed!



All it takes is a soil test and your local USS Vertagreen distributor is ready to assist. USS Tournament 18-0-9 was developed especially for fairways that have received phosphate over the years and where soil tests show that no additional phosphate is needed.

This economical product will keep your roughs and fairways green and growing because 25%

of the nitrogen is from urea-formaldehyde. It also contains sulfate of potash for lush, green color. And the formulation is rounded out with secondary and micro-nutrients as well as chelated iron for uniform growth. USS Tournament is another reason we say "see the best, for the best" — and that's your local Vertagreen distributor. He can always tell you what's needed.



Agri-Chemicals
Division of United States Steel
P.O. Box 1685, Atlanta, Ga. 30301



WHOLESALE SOD, SEED, SHADE & ORNAMENTAL TREES

HUGGETT SOD FARM, Inc.



Wholesale Growers of
QUALITY LAWN TURF



517-635-7482 MARLETTE, MICH.

LAKE SHORE

EQUIPMENT & SUPPLY CO.

DISTRIBUTOR & FORMULATOR
GRASS SEED - FERTILIZERS
INSECTICIDES - FUNGICIDES - HERBICIDES
REPLACEMENT MOWER PARTS
REPLACEMENT TIRES
LESCO Products

Price Quotation On Request

CALL OUR NEW OFFICE

300 So. Abbe Rd., Elyria, Ohio 44035

(216) 323-7544

MICHIGAN CUSTOMERS

Call Toll Free: (800) 321-7423

Supt. Should Be Golfer Cont.

where to use them. This golf club was probably one of the first in the country, back in 1928, to recognize this very important part of being a golf course superintendent.

In all the years since then, and even after Dad's retirement and passing that club has had only one superintendent who did not play the game. He didn't even finish two years on the job before he was discharged.

When you go from the best to the worst, spend \$50,000 more in an annual budget, and can't give a golfer a golfer's reason for the existing conditions, it must be that you don't know the game. Consequently, he was fired.

Your golf course superintendent doesn't have to be a par buster. Even if he can't break 100, you should see that your pro, or your superintendent set themselves a goal of getting him to shoot to least within the 85 to 95 range consistently. Their mutual

Continued on Next Page



LEBANON

COUNTRY CLUB

PROFESSIONAL TURF PRODUCTS

GIVE YOU MORE!

- ★ Full Weight (High Density) for easy, fast, full width spread.
- ★ A Complete Feeding in every granule of needed turf-grass nutrients.
- ★ A Balanced Fertilizer Ratio with no inert fillers.
- ★ Available only through a network of trained distributors, thus assuring you of lower sales costs, meaning greater value to you.

For More Information, Contact:

James L. Camp
(219) 485-6828

Supt. Should Be Golfer Cont.

effort at this task, and its being accomplished, will almost automatically make them work together for other good benefits from which the club and its members will profit from in all ways.

A superintendent who can play within the desired range can more adequately satisfy the golfers and committees. Logical answers will be given and accepted. If you know he doesn't play the game, and question him about the something, the first thought in your mind is "How the he--does he know, he can't even play the game!"

One of the greatest assets a club can have besides a golfing superintendent, is to allow him to have other superintendents over to play with him periodically. He can get peer opinions from professional people for whom he has great respect. No one knows better the way to travel than a man who has already been there and back. Everyone benefits from such an extended privilege, especially the golfers at the four golf courses these four men represent. After all, the golfers are the people whom we most want to benefit.

I've learned more during the 4-5 hours playing with golf course superintendents than I did in the previous four years of college. There was theory in print. On the links, it was fact, in the presence of growing turf. If a picture is worth 1,000 words, problems solved on the spot, by group professionals mutually linked to the common good of all involved must be worth millions of words, and therefore, dollars.

So, get that superintendent out on the golf course, play with him if you're the chairman, or on the committee, or are a board member. Don't take his mind off the game while you're playing, you're both out for that, but try to mutually make the course better for all players. Then after you've finished the

Continued on Next Page



FDS FERTILIZERS

5324 W. Bloomfield Lake
W. Bloomfield, Mi. 48033
Phone: (313) 851-7766

Premium Fertilizers by



DISTRIBUTORS
OF
QUALITY CHEMICALS
BY THE



FERTILIZERS
FEATURING
SULFUR
COATED
UREA

GRASS-CEL™

PAVING BLOCKS

STANDARD GOLF
ProLine

Wholesale
TREES - SHRUBS



Lofts
Pedigreed Seed, Inc.



TURF SUPPLIES INC.

6900 Pardee Rd., Taylor, Michigan
(313) 291-1200

DON'T EVEN THINK
OF BUYING

GRASS SEED
FERTILIZERS
FUNGICIDES

WITHOUT CALLING

291-1200

TURF SUPPLIES INC.

6900 Pardee Rd., Taylor, Michigan
(313) 291-1200

When you talk irrigation,
talk to us . . .

**we're the
answer people**

**We've
got systems**

An engineering staff
to consult with you
on irrigation systems design
& specifications,
and budget estimates.

**We've
got supplies**

The largest
selection & stock
in the midwest:

PIPES & FITTINGS:

PVC • Sewer & Drain (Corr.)
Polyethylene • Galvanized
Copper • Aluminum

Pressure Reg. Valves • Elec. Valves
Pressure & Flow Switches
Controllers

PUMPS & PUMPING STATIONS

EXCLUSIVE FRANCHISED DISTRIBUTOR

RAIN  BIRD®

CenturyRain aid

WHOLESALE DISTRIBUTORS

31691 Dequindre
Madison Hts., MI 48071
(313) 588-2990

341 Lively Blvd.
Elk Grove Vill., Ill. 60007
(312) 640-6660

Supt. Should Be Golfer Cont.

round, talk about the problems, then
it will be fresh in both minds.

I'm glad I play the game, and even
more glad that some of my fondest
memories are of people who helped me
be a fair golfer, and at the same time,
made me a better golf course superin-
tendent. It's a great challenge and
one of the best tools of my trade.

The results for playing and recog-
nizing the golfer's problems helps me
give my members a better, more
challenging golf course. After all,
that's what they're paying for, and I
like to feel that most of them are
happy and proud at our course.

**Do You Have Something
To Write About?**

If you feel like writing about your
profession or some related subject that
may be of interest to your fellow
Superintendents - then send it to
"The Golf Superintendent" magazine.
You may just find yourself the recipient
of the *Leo Feser* award given to the
superintendent/writer whose article
appears in the magazine and is judged
the best of the year.

This year's winner was James
Hildebrand, Superintendent of Sea
Island Golf Course, St. Simons Island,
Ga. The award recognized an article
written by Hildebrand, titled "The
Zone Approach: How a Superintendent
Can Use it to Streamline His Main-
tenance Operation" appearing in the
September/October, 1977 issue of
"The Golf Superintendent", GCSAA's
official magazine.

- CLASSIFIED ADS -

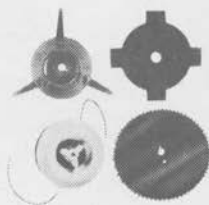
FOR SALE - Two sets of Roseman
Hydrogang Mowers. One pull type, one
tractor mounted. Call Chris Myers -
(313) 642-0707

THE FS-80.

**STIHL'S®
LIGHTWEIGHT
ANSWER TO
HEAVY-DUTY
TRIMMING.**



The new Stihl FS-80 portable trimmer is the first heavy-duty gasoline powered trimmer with a lightweight price. So now you can trim away unwanted grass, weeds, undergrowth and excess hedge easily (and even edge lawns) quickly and inexpensively. Buy one now and get our exclusive Polycut head with two extra sets of thermoplastic blades plus a reversible metal brush blade for tougher trimming jobs. Optional equipment includes Leeco® nylon line head and a heavy-duty saw-toothed steel blade for special trimming jobs.



STIHL®

The world's largest selling chain saw.



LAWN EQUIPMENT CORPORATION

520 W. 11 MILE ROAD

ROYAL OAK, MICH. 48068

TELEPHONE: (313) 398-3636

Breakthrough from Jacobsen. A new out-front mowing tractor with hydraulically driven reels.



The revolutionary HF-15.

What happens when you combine the advantages of the Jacobsen F-10 mowing tractor with the advantages of hydraulically driven reels?

You get seven reels that can cut turf beautifully even while it's raining. Constant reel speed is maintained hydraulically. This means you can cut to your schedule instead of the weather's.

You also get increased versatility. The hydraulically driven reels will give you a beautiful cut on formal turf

areas as well as rough areas where Blitzer units would be used. With the HF-15, you simply change the cutting frequency instead of changing reels.

You also get the mowing job done faster because mowing speed is increased. And from the driver's seat, the operator can raise and lower reels in several combinations, and put them into forward or reverse. Reverse can be used to quickly unclog reels from branches, rocks and grass clippings.

Plus, we use wheels instead of skids

or rollers to support the reels. Just to reduce scalping on sharp ground contours. And, our exclusive tension springs put even pressure on height adjustment rollers for smoother cutting.

More good news. Reels can be easily backlapped without being removed or disassembled.

It's all in one complete mowing system. The amazing HF-15. Get more details from your Jacobsen distributor.

JACOBSEN
An Allegheny Ludlum Industries Company

W.F. Miller Garden & Lawn
Equipment Company

1593 S. WOODWARD AVE. BIRMINGHAM, MI 48011 TELEPHONE: (313) 647-7700

A Patch of Green
31823 UTICA ROAD
FRASER, MICH. 48026



MICHIGAN STATE UNIVERSITY
LIBRARY - SERIALS
EAST LANSING, MICH. 48823

