THE BULL SHEET, official publication of the MIDWEST ASSOCIATION OF GOLF COURSE SUPERINTENDENTS.

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PRESIDENT'S MESSAGE

Well, this season is no different than others. Mother Nature has shown us again that what ever preparations you make you can not always win. This spring is no exception. I am sure we were all relaxed coming out of winter with all the snow cover, only to find the lingering cold creating difficult problems. After our last meeting at Woodridge Country Club, it seemed very evident that all clubs experienced varied amounts of damage. Fortunately for us, we had in attendance that day a representative of the Chicago District Golf Association to hear that our problems were wide spread. Also, I followed up with a letter to the Chicago District Association relating comments made at our meeting and from letters received from some of our members. I hope they will in turn get the information out to their membership.

The Midwest Association has received a very nice letter of appreciation due to the flower show in Chicago. They wish to thank everyone for the time and effort put into our booth. Also, they hope we will continue to participate in future years.

Joe Grenko

OAK WILT DISEASE

Resistance to the oak wilt disease has been found in red oak seedlings in Wisconsin. From more than a thousand seedlings tested, Agricultural Research Service and University of Wisconsin scientists screened out 17 resistant seedlings.

These seedlings developed no oak wilt symptoms after we used a hypodermic needle to inoculate them with the fungal disease-causing organism in 3 successive years, according to Dr. Richard D. Durbin, University of Wisconsin plant pathologist. Further research is being conducted to find out whether the seedlings may still succumb to infections by natural agents such as beetles.

"If the promising results of our screening are further confirmed, resistant red oaks could be multiplied in sufficient numbers for the nursery trade within a few years," says Dr. Durbin.

Oak wilt has spread alarmingly during the past three decades in Eastern and Central States where oaks are the leading hardwood timber species and also important as shade trees. Some researchers have predicted that within the next 30 years about half of the Nation's oak trees may be afflicted.

EDITORIAL

As I approach my 6th season at Oak Hills I can't help but to look back over the years. With stark reality I find it hard to believe that I am rapidly approaching twenty years of very close association with golf courses and their business. During those years I feel fortunate to have witnessed many innovations and changes take place; some good and some not.

Most of us now active in golf course management have seen the advent of complex hydraulic machinery, new and better chemicals, superior varieties of turf grasses, the preponderance of automatic irrigation systems, and countless other changes. Having superintended the radical reconstruction of a beautiful, mature 18 hole golf course, I have personally experienced many of the changes. Oak Hills, as I knew it, has become a modern, 9 hole peripheral golf course of a planned 800-unit multi-family development, known presently as Oak Hills Country Club Village. I sincerely hope that this kind of progress is not a trend.

Most significantly, changes have occurred regarding our status as professionals over the past twenty years. For the most part we are more 'professional' and better recognized than ever before, but there is still definite room for improvement. We all, as golf course superintendents, must work daily to improve our images if we ever expect to achieve our desired levels of recognition and remuneration. It is all too easy to get caught up in the daily management routines and problems, and lose sight of our professional goals. We must, as individuals and as a group, constantly strive to better our profession through communication and involvement. Be involved with your clubs and associations. Attend association meetings and club functions if the opportunity arises. Participate! Communicate with your club members, club owners, or club employers. Get them involved with your business so they can better appreciate the many facets of your position. If we are ever to elude titles such as 'grass cutters' or 'greenskeepers' we must educate the public and private club patrons to the fact that we are professional golf course superintendents.

Many superintendents in the Chicago area and throughout the country have attained these levels of recognition and compensation, but the vast majority of us must continue toward this goal. There are two thoughts that may help us achieve our well deserved status of professionalism in this business of managing golf courses. Webster defines a superintendent "as one who has executive oversight and charge". The other thought, if I may borrow it from a colleague, is that the golf course is the preeminent part of any golf club be it private, public, or otherwise. With foresightnot hindsight-let us keep these thoughts in mind.

Donald A. Hoffman, Supt. Oak Hills Country Club Village

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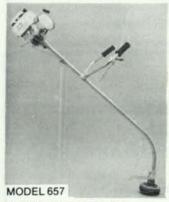


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DATE: AUGUST 2, 1978

The day will consist of demonstrations by the exhibitors, steak luncheon, fifth annual horseshoe tournament and an auction at the end of the day. For further information, call or contact Carole Rachesky, Box 484, Bloomingdate 312/894-4774.

The 1978 Penn State Turfgrass Field Days will be held on August 16th and 17th. The Field Days will be held at the Joseph Valentine Turfgrass Research Center at The Pennsylvania State University, University Park, Penn. For further information contact: Dr. Joseph Duich, 21 Tyson Building, Department of Agronomy, University Park, Pennsylvania 16802.

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Techniques and procedures that protect, avoid and correct the damage that occurs in late winter-early spring are well known to and understood by the golf course superintendent. For the most part, protective measures relate to production of a healthy vigorous grass and to the control, to the extent possible, of the soil-plant environment. When these factors are adversely impacted by anomalous conditions of weather, poor construction or inadequate equipment and supplies, the responsibility for loss of turfgrass must be shared.

I. To Protect Against Temperature Variations

- 1. Apply sound cultural practices in the fall of the year. This would include properly timed application of balanced fertilizer; cultivation of compacted areas and of such areas as slopes where water infiltration is poor; controlled application of water to ensure satisfactory soil moisture, mowing in accordance with growth requirements raise height of cut on areas known to be susceptible to desiccation; implementation of disease control programs at the proper time fall and spring. (Programs to control or eliminate insects, weeds and thatch would have been implemented at earlier date.)
 - 2. Control traffic, especially during critical periods.

3. Use mulches or covers if warranted.

4. If late winter-early spring play is anticipated, cut cups in the fall and fill with newspaper.

Cut temporary greens if needed.

6. Work toward elimination of Poa annua.

- 7. Develop programs to introduce new improved grasses as they become available. Seed greens lightly each fall to help eliminate Poa annua.
- Avoid practices that stimulate excessive early growth or that produce soft succulent growth in early spring.
 - 9. Apply fungicides as needed.

II. To Protect Against Traffic

 Develop programs to control traffic during critical times and on critical sites.

2. Enlist support of all golfers.

3. Take pictures of damage and make presentation to green committee and membership.

III. To Protect Against Ice Sheets and Ponded Water

1. Improve drainage.

2. Redesign and rebuild if necessary.

3. Leave snow as insulator as long as possible.

4. Apply dark material (Milorganite) to ice sheets to make them porous.

Mechanically break up solid (non-porous) ice sheets if temperatures range into 50's or greater for extended periods.

6. Apply fungicides as needed.

IV. To Protect Against Limited Soil Water

- Water in the fall as late as is needed to ensure good fall and winter supply of soil moisture.
- 2. Use covers and mulches to protect vulnerable sites.

3. Plant superior permanent grasses.

- Apply those cultural practices needed to ensure adequate storage of food reserves and that develop deep rooted, extensively branched grass plants.
- Apply water to counteract desiccating conditions haul if necessary.

6. Apply fungicides as needed.

Avoid all practices that stimulate early excessive growth or that produce soft, succulent growth.

By J. R. Watson, Vice-President, The Toro Company Credit, Hole Notes

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Motor winding (stator) wires are completely encapsulated in solid epoxy for better prevention of burnouts caused by damage to winding insulation

More efficient submersible motor, available in 1, 2, 3 and 5 horsepower sizes, operates at lower (1750) rpm for cooler operation and longer bearing life.

Continuously lubricated upper and lower motor bearings have 10-year design life, are replaceable if worn.

Capacitors (used on single-phase motors only) are designed for more efficient performance and longer life in a transformer-oil environment.

Motor operates in a reservoir of continuously circulating transformer oil that lubricates bearings and transfers motor heat to the water more efficiently through the walls of the motor housing.

Silicon-aluminum bottom plate is quickly removed and replaced for faster oil changes or other maintenance. Motor lead wires are insulated with special materials that are more resistant to mechanical and chemical erosion by transformer oil, thus helping to avoid lead wire burnouts.

Special plug type (male-female) underwater connector is designed for more resistance to water leakage, even at greater depths. Plug of underwater connector is molded directly to end of underwater power cable by Rodale Resources Inc. for improved leak resistance. Seamless, one-piece float, molded from highdensity polyethylene plastic for greater durability, has improved resistance to moisture, sunlight and cracking.

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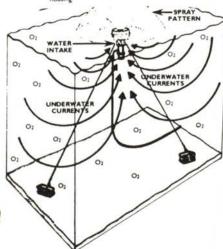
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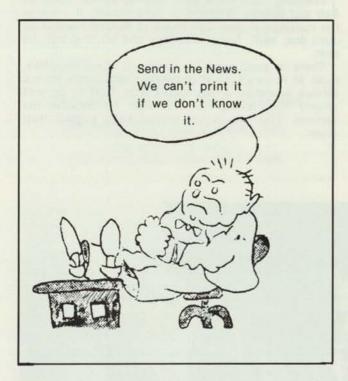
Mallinckrodt, Inc. is happy to announce that Mr. Cecil Kerr has joined Mallinckrodt as an Executive Sales Representative for the Specialty Agricultural Products Department. Mallinckrodt's specialty agricultural product line includes pesticides for use on professionally maintained turf and commercially grown ornamentals, such as cut flowers, woody ornamentals, bedding plants, and potted flowers and foliage plants.

Mr. Kerr will be located at Kalamazoo, Michigan, and will have sales responsibility for the North Central states. A key part of Mr. Kerr's duties will be to represent Mallinckrodt nationally at turf trade shows, golf course superintendents' meetings, and university turf conferences. Mr. Kerr brings to Mallinckrodt twenty-five years of management and chemical sales experience in the turf industry, and is widely known as a speaker at turf meetings and conferences.

Mr. Kerr has a BS in Agriculture and an MA in Agricultural Education, minoring in Soil Chemistry and Plant Physiology, from Michigan State University.



Editor MIDWEST BREEZES



MODERN FABLE REVEALS **FATE OF FREE ENTERPRISE**

Once upon a time, there was a little red hen who scratched about the barnyard until she uncovered some grains of wheat. She called her neighbors and said, "If we plant this wheat, we shall have bread to eat. Who will help me plant it?

"Not I," said the cow.
"Not I," said the duck.

"Not I," said the pig.

"Not I," said the goose.

"Then I will," said the little red hen. And she did. The wheat grew tall and ripened into golden grain. "Who will help me reap my wheat?" asked the little red hen.

"Not I," said the duck.

"Out of my classification," said the pig.

"I'd lose my seniority," said the cow.
"I'd lose my unemployment compensation," said the goose.

"Then I will." said the little red hen, and she did. At last it came time to bake the bread. "Who will



M.A.G.C.S. June 12 host. Al Bertucci, Supt.

The M.A.G.C.S. June 12 meeting at Old Elm Club was truly a most enjoyable one. Seventy-two members played golf on a magnificent conditioned course. This was made possible by the skill of Superintendent Al Bertucci. Al has been the super at Old Elm for the past many years. His knowledge on golf course maintenance work is one I am sure AI is proud of. Those of us that attended this meeting congratulate you, Al.

help me bake the bread?" asked the little red hen.

'That would be overtime for me," said the cow.

"I'd lose my welfare benefits," said the duck.

"I'm a drop-out and never learned how," said the

pig.
"If I'm to be the only helper, that's discrimination," said the goose.

"Then I will," said the little red hen.

She baked five loaves and held them up for her neighbors to see.

They all wanted some and, in fact, demanded a share. But the little red hen said, "No, I can eat the loaves myself."

"Excess profits!" cried the cow.

"Capitalist leech!" screamed the duck.

"I demand equal rights!" yelled the goose.

And the pig just grunted. And they painted "unfair" picket signs and marched round and round the little red hen, shouting obscenities.

When the government agent came, he said to the little red hen, "You must not be greedy."

'But I earned the bread," said the little red hen.

"Exactly", said the agent. "That is the wonderful free enterprise system. Anyone in the barnyard can earn as much as he wants. But under our modern government regulations, the productive workers must divide their product with the idle."

And they lived happily ever after, including the little red hen, who smiled and clucked, "I am grateful. I am

But her neighbors wondered why she never again baked any more bread.

Source unknown Credit - Bonnie Greensward

LAST WORD BEFORE ADJOURNMENT

"Nothing is a greater impediment to being on good terms with others than being ill at ease with yourself."

Honore' De Balzac

HOW TO LOSE FRIENDS AND INFLUENCE GOLFERS

In the June, 1971 issue of Chevrolet, the house organ of the Flint Metal Fabricating Division, we read a piece we thought might amuse Line readers who are golfers. It was titled "To Save Needless Conversation on No. 1 Toe, Hand This to Your Opponent." Here, slightly condensed, is the message:

"My handicap is _____. I'm not interested in hearing that you aren't playing to your handicap, and until I've seen you play a few holes I'm not interested in playing more than a dollar nassau.

"Don't embarrass by asking that I concede any of your putts. I will volunteer to do so if, in my judgment,

it is deserved.

"I admit it's a nice day for golf, that the weather has been either hot or cold and that the green keeper is doing an excellent job.

"Kindly refrain from telling me of your past performances on the golf course. The only round that

interests me is the one we are about to play.

"I would appreciate it if you would refrain from such remarks as: That would have been a beauty—if it hadn't caught the trap...You got a bad bounce or it wouldn't have gone out of bounds, etc.! I can manage my own sympathizing.

"The following imperfections in my swing are well

known to me:

Looking up

Too fast a backswing

Standing too far behind the ball or too far ahead of it No follow through

Bending left arm

Stance too open or too closed

Teeing ball too high or too low

Too much right hand or not enough right hand

Faulty grip, etc.

"The above mentioned faults have been pointed out to me by many of my friends—including a few former friends.

"Concerning the 19th hole...I don't mind a friendly drink, it helps me become reconciled to my golf imperfections.

"If I win your money, I will buy you a drink. If you

win, I will expect you to do the same.

"Thank you for your forthcoming demonstration of courtesy and consideration."

Credit - Divots, Calif. 1977

Wedding bells have been ringing at the home of **Bob** and **Bobbie Williams** in Lake Forest, II., due to the marriage of their son **Bruce** to **Roxane Kenton** on June 3rd, 1978. Congratulations and nothing but the best.

There is good news in Aurora, II. Carl Hopphan, Supt. at Aurora C.C. is recovering very nicely from a serious operation a few weeks ago. Carl is up and around and he says he will soon be back in the harness. This proves you cannot keep a good man down.

