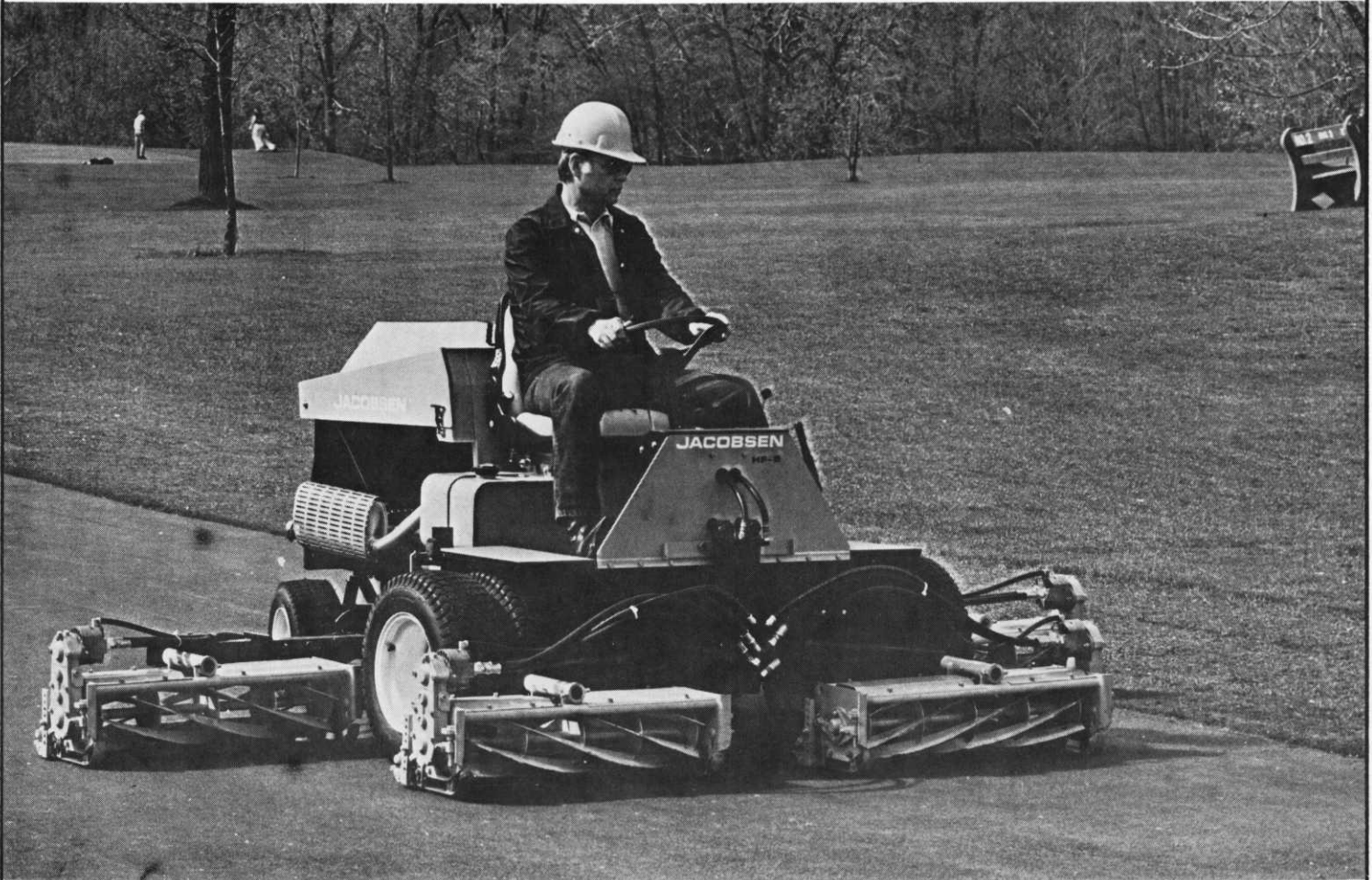


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# HOLE NOTES

OFFICIAL PUBLICATION OF THE MINNESOTA GOLF COURSE SUPERINTENDENTS' ASSOCIATION

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## FROM THE PRESIDENT'S DESK

DON LINDBLAD

The meeting at Izaty's Lodge was fun for those who attended. As always, when people get together to talk about fishing, it was the big ones that got away. Mark Peterson from the Minnesota Park and Recreation Association gave us a brief talk about their equipment show in June. He was hoping to spark some interest from us to join them for the day. We will see that complete details get to you when they are available.

The Research Committee is hard at work putting together research proposals that have been submitted to them. A number of good ones are starting to surface. I wish we had even more money to fund them all.

A goodly number of you are heading to Las Vegas for the big Turf Conference and Equipment Show. In working an equipment show of this magnitude I found it is almost mandatory to be well organized. Make a plan before you go, based on your needs and then your interests. When you get to the show, get a directory and plan your moves by priority, leaving time to just browse, looking at new equipment and looking for new ideas. Budget your time so that you don't get tired walking and working. Tired people make bad decisions. Watch your recreational time as well. Make sure you don't overdo and have a headache the next day! Oh, and about the gambling, the only advice I can give you is to make sure you save enough money to get home!

\*\*\*\*\*

It's a great pity that because of the force of gravity it takes more energy to close the mouth than to open it.

\*\*\*\*\*

# A GOLF COURSE EXPANSION PROJECT

by BERNIE ZIMMER  
Superintendent, Whitefish Golf Club

Here is some insight into many construction operation problems of expanding a 9-Hole golf course business to an 18-Hole operation.

The absolute number one consideration for anyone operating with a Board of Directors is to have a board and special committee who are willing to serve and work with the superintendent. It is also important that they are willing to serve throughout all the various stages from preplanning to completion so that priorities don't become confused as variations along the way take place. To make the best use of the available project dollars, the board must stay with the superintendent and the project.

A second consideration is planning your labor force. The superintendent requires two key people - one to handle the normal maintenance functions of the playing course (with his own personnel) and the second to keep the superintendent in direct contact with the construction crew and their personnel. This two-man situation allows the superintendent to keep in touch with all that is taking place as you constantly work with variables and problems and it gives him a fighting chance to keep every part of the undertaking progressing as smooth as possible. In addition, don't overlook volunteer help from members as they can be extremely valuable yet don't affect any costs. In our particular case at Whitefish Golf Club, members volunteered willingly; thus eliminating what could have created some big problems.

Equipment needs and use, purchase of supplies and your own time must all be allocated to the playable operating side and the construction project side. Equipment needs for both present and future needs must be considered as the expansion will come to full operation in a very short time. If not planned in advance, the need for essential equipment could arise which in turn

could create money problems. I first checked to see what equipment could be used for normal operation and construction. Would the mowing equipment we had be able to handle the expansion and at what point would we need new equipment of substantial cost. I place new equipment on a four year schedule and this includes sundry items as well as small tools and supplies. A capital program is a must as your operation increases and again needs some flexibility.

Fertilizer and seed needs for the present operation, the construction project and any future changes to the older original nine must be carefully checked and thought out. Determining fertility levels through soil tests is a must for all phases of normal operation and construction. Seed selection is very important with the many varieties available today.

I personally found our associate members very helpful in many areas. Their sincerity and expertise were a tremendous help in making decisions.

The day to day problems are constantly there. When weather is bad, it will tie you in knots, construction can stop, you fall behind on mowing, maintenance, housekeeping and the chemical and fertilizer programs. One constantly tries to be prepared to use the personal and construction equipment to their greatest advantage even during inclement weather. One must plan as best possible for being rained out or the inflexibility of not planning for it will create the impossible task of trying to unravel the confusion, the personality problems and work schedules which will arise. Flexible planning will keep the normal operation and construction running smoothly. When playing conditions are good, you not only have the pressure of players and normal maintenance but also demands to make the best possible progress on your new construction. Anyone can average the good versus bad weather over the past two years (discounting winter) and not find all that many ideal working days available each season.

I have found that you can play golf if it rains but neither mowing units nor  
continued on Page 5

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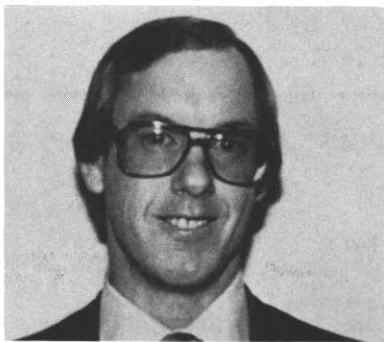
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bulldozers float. Trucks don't have water wings and the personnel is sure you're touched or something other than normal. But you're expected to be above all the setbacks that occur. It's a sincere challenge to your ability but also is very rewarding, creative and beautiful as it develops and players begin to enjoy it.

All of you superintendents surely have a challenge and I hope this little article gives you some insight into operating a nine-hole course while constructing an additional nine.

## EDITOR'S CORNER



by DOUG MAHAL  
Chairman  
Editorial Committee

It was 4:12 a.m. when the alarm went off. I had to meet Dale Caldwell, Mark Smith and Larry Thornton at 5:00 a.m. for the annual Izatys outing on Lake Mille Lacs. We left on time and got to our destination at 7:20 a.m. Our planned fishing excursion with expert fisherman Jerry Anderson began at 8:00 a.m. with a rather rough but exciting ride out to Jerry's ice houses, 2 - 3 miles onto the lake. We found the preheated, predrilled houses very clean, neat and ready for action. Although the day wasn't as productive as we had all hoped, we did come back in at about 7:00 p.m. with fishy-smelling fingers. We then sat down to a very enjoyable steak and fish dinner with all the trimmings and concluded with an informal business meeting and a happy 50th birthday wish to Jim Wodash. Several concluded the day in the pool/sauna/whirlpool area for discussions on the day's activities and the coming golf season. Everyone I chatted with throughout the day and evening had a very enjoyable and

relaxing time. I was a little surprised that less than 40 members attended.

Arrangement Co-Chairmen Jim Wodash and Keith Scott have nearly concluded with the particulars for our annual March Mini-Seminar. We'll be at Majestic Oaks on March 12. Jim and Keith assure a productive and informative day. Please plan to attend. You'll all receive a special mailing later this month or early March. In addition our April meeting will be in Owatonna so start making plans for that one.

At our annual meeting at the Sheraton Northwest in December, Dr. White suggested that superintendents keep an eye on those water-holding areas on greens this winter. I've asked Dr. White if he could update us on the possible threat of turf loss and what we might expect to see next spring as the snow recedes. Look for his report in the March issue of HOLE NOTES.

I'd like to thank members Fred Anderson of Purple Hawk, Dave Dodds of Apple Creek and Tom Haugen of Brayton for their January article contributions. Great job, guys!

There was an unusually large amount of Penncross and Penneagle seed purchased in 1983 and, in fact, much of the new seed harvest has gone to fill 1983 backorders. From all indications, Penncross and Penneagle may be in short supply until the fall of 1984 so for those who will require these varieties next spring and summer, you might think about ordering early.

I hope all who could attend had a very enjoyable and successful 1984 GCSAA Conference and Show and I hope to see many of you at Majestic Oaks for the Mini-Seminar on March 12.

From the "Remember When" Department, can you guess which year this Board of Directors held office and which club they represented at the time?

Richard McLaughlin, President  
Kurt Erdman, Vice President  
John (Jack) Kolb, Secretary-Treasurer  
Emil Picha, Director  
Milt Wiley, Director  
Edward Nohava, Director  
Vern Hanson, Director

Answers: 1964 Board of Directors  
Richard McLaughlin, Wayzata Country Club; Kurt Erdman, Rochester Country Club; Jack Kolb, Minikahda Club; Emil Picha, Oak Ridge Country Club; Milt Wiley, Hazeltine National Golf Club; Ed Nohava, Southview Country Club; Vern Hanson, Mendakota Country Club.



### RECRUIT A NEW MEMBER!

*If you know someone, a friend, an assistant, a co-worker who is interested in our association . . . be sure to bring them to our next meeting.*

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1 National 84" Triplex \$150.00  
(without motor)  
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The "Coronary and Ulcer Club" lists the following rules for membership:

- 1) Your job comes first. Forget everything else.
- 2) Saturdays, Sundays and holidays are fine times to be working at the office. There'll be nobody else there to bother you.
- 3) Always have your briefcase with you when not at your desk. This provides an opportunity to review all the troubles and worries of the day.
- 4) Never say "no" to a request. Always say "yes".
- 5) Accept all invitations to meetings, banquets, committees, etc.
- 6) All forms of recreation are a waste of time.
- 7) Never delegate responsibility to others; carry the entire load yourself.
- 8) If your work calls for traveling, work all day and travel at night to keep that appointment you made for eight the next morning.
- 9) No matter how many jobs you already are doing, remember you can always take on one more.

Reprinted from BITS AND PIECES

# YOU DON'T HAVE TO BE AN ENGINEER TO SEE THE YAMAHA DIFFERENCE.

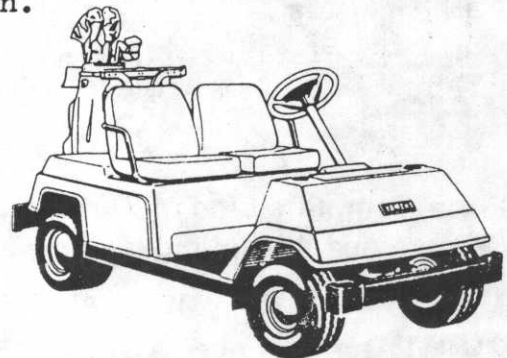
Every manufacturer promises the most holes per gallon, most miles per charge, fewest breakdowns, longest lasting, highest resale. Such claims are par for the course. Trouble is, it makes your game plan a difficult one.

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# HAVING TROUBLE KEEPING INVENTORY RECORDS ?

by DAN DEMARS, Superintendent  
Dellwood Hills Golf Club

Here's what I call an Inventory and Use Chart. It allows you to compile accurate inventory records very simply.

INVENTORY GOLF COURSE				(USED)	
REASON FOR APP.	MATERIAL	AMOUNT USED	APPLICATION RATE	COST	DATE

It contains the reason for application, material used, amount used, application rate, cost per application and the date used.

It's not only useful for monthly inventory but also can be used for pesticide records. I have had my pesticide records checked by state people and it's really comforting to know that your records are accurate. If there is any misuse of pesticides in your area, you can present the necessary information which would eliminate any question of violation on your part.

I hope some readers find this information useful. I am sure there are superintendents who could add to this or have a more efficient method. In future issues of HOLE NOTES we would like to hear from you.

## RESEARCH REPORT

by DALE CALDWELL & MARK SMITH  
Co-Chairmen  
M.G.C.S.A. Research Committee

The M.G.C.S.A. Board of Directors voted at its December 13 board meeting to donate \$400.00 to the G.C.S.A.A. Scholarship and Research Fund, Inc. The donation was earmarked exclusively for research. The policy of the G.C.S.A.A. Executive Committee was recently changed to deemphasize the scholarship portion of their effort. Rather than awarding numerous small scholarships, G.C.S.A.A. has chosen to increase the competition by awarding fewer scholarships, hopefully to better candidates.

Two years ago G.C.S.A.A. decided to take a similar approach to the granting of research funds. It was felt that thin spreading of limited funds really yielded little in the area of substantial research discovery. A year ago G.C.S.A.A. entered into an agreement with the University of Massachusetts at Amherst to grant Dr. Torello a \$60,000.00 research grant for a three  
continued on Page 9



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# ASSOCIATES' CORNER

## THE COMPLETE SPECTRUM

by ROBERT LISTBERGER  
Bergerson-Caswell

In 1948 Bergerson-Caswell purchased the inventory and assets of the Hemphill Well & Pumps Co., a small diameter local well driller. Since that time Bergerson-Caswell has expanded the original Hemphill operations more than ten fold. In 1951 we drilled our first golf course well. It was for the Orono Golf Course while Leo Fraser was owner and operator. Because many of the golf courses in the Twin Cities were already established, including a water well or two, we concentrated on providing fast efficient pump repair as well as drilling new wells.

Bergerson-Caswell presently services a large number of golf courses, not only in the metro area, but out state as well. Today Bergerson-Caswell employs 39 people. Our service area includes Minnesota, Western Wisconsin, Northern Iowa and the Eastern Dakotas. Our principal business is the construction of water wells 6" to 36" diameters, well and well pump maintenance primarily for municipalities, golf courses and industrial firms.

We have 8 cable tool well rigs, one large rotary well drilling rig, two 10T smeals and two 5T smea pump pulling rigs. Bergerson-Caswell has the necessary equipment to televise water wells where problems exist. By televising a well problem, we eliminate the "guess work" reducing both down time and expense to the customer. Our turbine pump department is equipped to handle all emergency pump repair work as well as scheduled preventative maintenance. We carry very comprehensive and complete supply of parts for most makes of deep well pumps at all times which enables us to repair pumps from 1/2 HP to 500 HP.

We are the distributor for Byron Jackson vertical pumps; deep well and dewatering. We can design and install a well pump to fit your needs with either

a line shaft turbine or a submersible well pump.

From the beginning in 1948 until 1976 Bergerson-Caswell was located at 13120 Wayzata Blvd. (now Wendy's). In 1976 Bergerson-Caswell moved to our present location in Maple Plain. Situated on eight acres, the ground floor shop area has 8000 sq. ft. of heated space. A 5000 sq. ft. pole building provides cold storage. The office area is 4700 sq. ft. in size.

Should you have any questions or problems concerning your wells or pumps, please call Bob Listberger or Gary Hart at 479-3121.

## ARCHITECTS

### SELECT DINAH SHORE

Dinah Shore will become the first woman to receive the prestigious Donald Ross Award when she is honored by the American Society of Golf Course Architects on Monday, February 20 at a banquet to be held at the Desert Horizons Country Club in Palm Springs, California.

The Donald Ross Award, named in honor of the "father of American golf course architecture", is awarded annually by the ASGCA to a person who has made a significant contribution to the game of golf, particularly in the area of design.

ASGCA President Ted Robinson stated that the Society was proud to honor Dinah Shore because "her tournament, one of the most popular events on the LPGA tour for the past ten years, has furthered the growth of women's golf in stature, prize money and talent. Furthermore, the tournament has demonstrated that great golf courses can be designed to present a fair challenge for women golfers, a challenge that today's golf course architect has readily accepted. In addition, we honor her enthusiasm for doing, learning, caring and sharing that has propelled her into numerous and varied charitable activities."



## NEWS FROM NATIONAL



### JAMES PRUSA

John M. Schilling, Executive Director of the Golf Course Superintendents Association of America, recently announced the promotion and appointment of James G. Prusa, CGCS to the position of Associate Executive Director of the Association.

In announcing the appointment Schilling explained, "The Executive Committee approved, at my request, Mr. Prusa's promotion at their fall meeting. He is now charged with his new responsibilities and, in addition, will retain those of Director of Education.

Jim is a team player who places tremendous demands on himself and those around him. He and I have worked well as part of a team and we'll continue to do so as we perform the executive management functions of the Association. He'll now play an increased role in the management of our staff and will fill a long standing need in the Association for a definite second executive in command. His responsibilities will include direct participation in the financial management of the Association as well as all operational decisions."

---

**DON'T FORGET VALENTINE'S DAY**

year project in the area of turfgrass genetic research and tissue culture. The first year of this three year project has been completed and Dr. Torello's progress reports are extremely satisfying and suggest substantial developments. G.C.S.A.A. will be continuing this research project for an additional two years. Dr. Torello issues quarterly progress reports to G.C.S.A.A. at which time G.C.S.A.A. makes a quarterly payment on the \$60,000.00 grant.

As many of you know, M.G.C.S.A. voted last fall to donate \$2,000.00 to Dr. Vargas' Gaeumannomyces graminis research project. Gaeumannomyces or take-all patch (appropriately named) is a fungus that has long been a problem on cereal crops. This past summer and fall Gaeumannomyces was responsible for the demise of many Poa annua fairways in the metro area. Through Dr. Stienstra's cooperation M.G.C.S.A. became involved in the early stages of this research project. After our initial \$2,000.00 donation, letters were written to U.S.G.A. and G.C.S.A.A. soliciting a matching contribution. Our request was initially denied. However, the request was recently reviewed and emergency funding for the project will be forthcoming -- \$1,500.00 from the U.S.G.A. and \$1,500.00 from the G.C.S.A.A. This emergency funding from G.C.S.A.A. and U.S.G.A. is due in a large part to the active involvement of M.G.C.S.A.

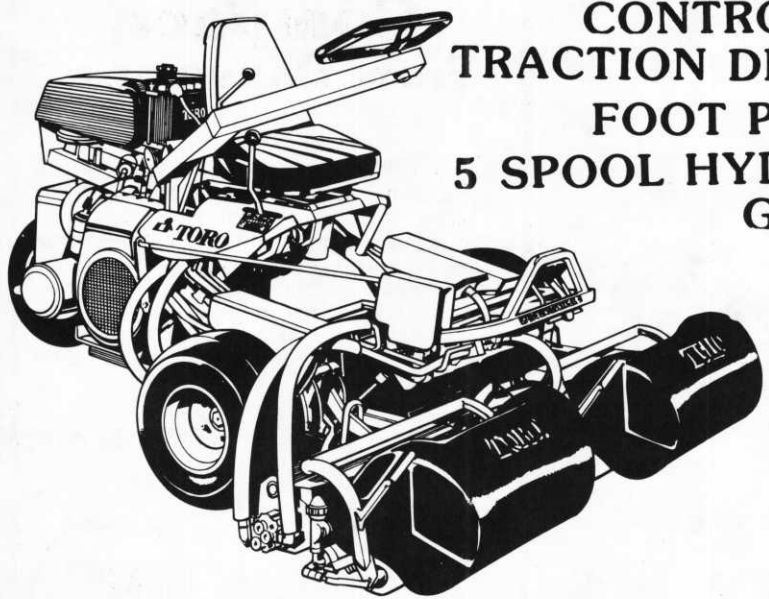
More research information will be forthcoming in upcoming HOLE NOTE issues. The experimental green construction and new research proposals will be dealt with in later issues.

In closing the Research Committee urges your active support at your clubs when letters soliciting contributions are mailed in the upcoming months. M.G.C.S.A. research is on the right road to productive turfgrass research. We are supporting or helping to support research that will benefit your clubs. If you have ideas for the Research Committee please let Dale, Mark or any board member know.

**TORO**

**TORO**

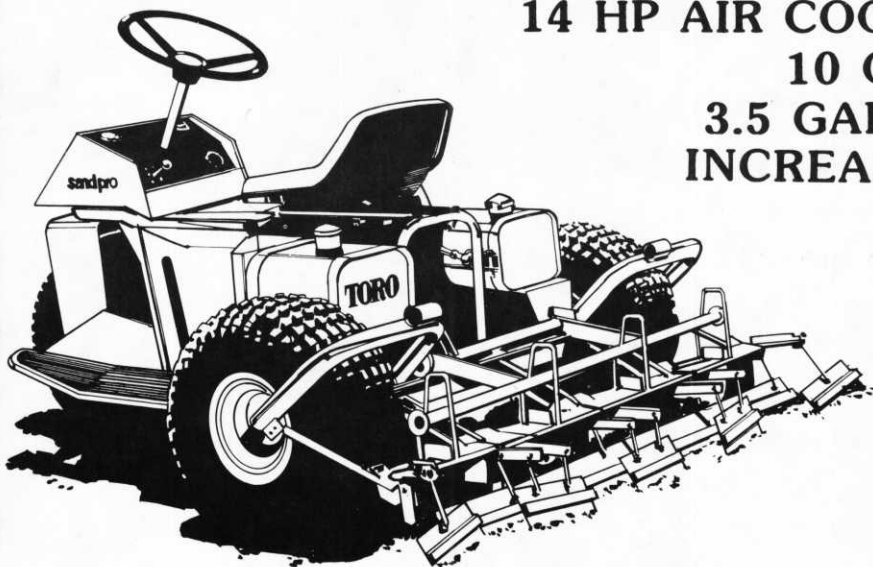
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