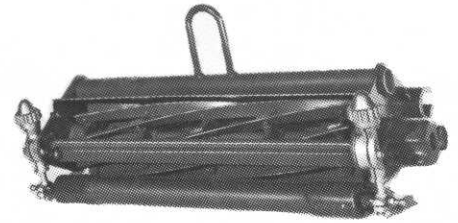
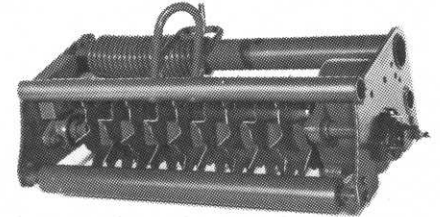




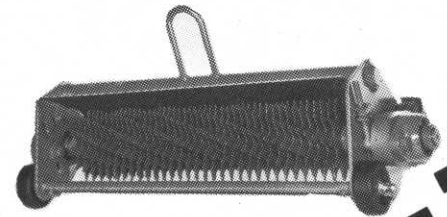
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2 AS A SPIKER, the features and benefits include:

Special Toro profile — 1/2 inch spike blades that spike cleanly without ruffling turf (greens are playable immediately after spiking — no re-maintenance needed). Power drive reels with one-way slip clutch give added traction on wet greens. Adjustable reel spacing transfers high torque to the unit to spike 1/2 in. blades up to 650 lbs of high cross-grain penetration. Working area gets more done in less time — you can spike as fast as you mow. And the spikes are less than 2 inches apart. A depth measuring tool is included with each set of spiker units to insure effectiveness of treatment under varying conditions.

3 AS A THATCHER, the features and benefits include:

Reels cut in forward rotation for efficient vertical mowing. Spiral edges of thatcher blades means less wear on drive motors, more efficient thatching and throwing of thatch into basket. Adjustable gauge wheels tailor cut to various turf conditions. Variable blade spacing (as close as 1/2 inch — depending on the need) permits adjustment to meet varying turf conditions. Gauge plates are provided for easy bench setting of penetration depth, 59" working width makes vertical mowing practical and efficient for the first time. High-strength blades are made of blue-tempered high carbon steel — and they're reversible for double the life.

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MAY MEETING REPORT

Wet, windy conditions did little to dampen the enthusiasm of the golfing superintendents who were eager for their first crack at playing after a busy opening two weeks. Carl Johnston, host superintendent, put a lot of work into getting the course in great shape and it sure showed. Scores were kept secret because of the tough weather but some dollars did change hands, anyway. At the business meeting the following eleven new members were approved: Richard Fredericksen B2, Huron Country Club; Mike Kasner B2, Wapicada Golf Club; Fred Anderson, Jr. B2, Olympic Hills Golf Club; Jim Anderson B2, Farmers Golf & Health Club; Bruce Hovelson A, Edgebrook Golf Course; Tim Westland C, Green Lea Golf Club, Tom Westland C, Green Lea Golf Club; Phil Hansen F, Egeberg Cycle Co.; Charles Egeberg F, Egeberg Cycle Co.; Lowell Kuberka F, Rolling Green Fairways; Jeff Wensman F, Northrup King. The treasurer reported the bank balance "healthy" and President Scott announced that the Golf Course Superintendents' of America will offer a seminar entitled "Management II" in the Twin Cities on October 25 and 26 at a place as yet not determined. One correction to the outstanding new member roster is President Scott's telephone numbers. The correct ones are: Office 938-6900 - Home 938-4546. Wouldn't you know we would boo-boo on the president's listing!

TIPS FOR A SAND TOPDRESSING PROGRAM

By Jerry Heckler

For those of you who are considering a sand program for all of your greens, or just a problem green or two, it may be that you would wish to share some of my thoughts and things that I have done with a sand program. The first item on the list is the decision to proceed with a program. After making up your mind to do it, the next thing to do is to find the proper sand and then have it tested and sized before proceeding any further. This is the most important part of the program - the right kind of sand. After finding the right sand product, and this must include a steady source, you can proceed to correct your green problem. I had a complete soil analysis of each of my greens. Having a PH reading in the 7.5 to 7.7 range, I had to add 8-10 lbs. actual sulphur each time I cored my greens, spring and fall. I followed the coring program for two years, and this year (1978) I will not do any coring but will still apply sulphur at that rate both spring and fall. At coring time we worked in the sulphur plus 2 1/2 to 3 lbs. per 1000 of 0-45-0 which I also needed. We then top dressed with our washed sand material and dragged the greens until the sand was completely worked into the coring holes. We tried one green first to see what setting we needed on the spreader to be sure we got plenty of material on. If time and circumstances permitted, we also watered the sand in but this was not really required. We made four more light topdressings during the summer and finished with a heavier dressing in the fall about the 15th of September.

The key to this program is the steady application of sand during the strong growing season. I try to keep my thatch layer at one quarter of an inch. If I see the least hint of a scalp while mowing, we immediately topdress. If you were pushing your greens quite hard, you probably would topdress five times (lightly) during June, July, and August. If you fail in this part of the program your thatch layer will get to be from an inch to an inch and a half and you will, in effect, develop a perched water table. If this happens, you can correct it with a lot more coring, but the purpose of the whole program is to get away from coring. If at some later time you add some soil to the topdressing program, you then will have to core extensively to correct a perched water table. Soil layers and thatch layers will cause a perched water table when placed over a sand layer.

Some symptoms of a bad green would be the following: Hard spots or whole green hardness, thin areas where it's difficult to start or keep grass cover, standing water for a long period of time after watering or a rain, difficulty in setting cups due to lack of water penetration, a green that has serious repeating disease problems. Using these and other problems as a guide may help you to decide to start using a sand program. If anyone wishes to call me or come to see me about a green problem, my course is at Cottonwood, Minnesota. The course phone number is 507/423-6335 and my home phone is 507/223-7978. I will be more than happy to help anyone that I can.

BUDGET YOUR TIME - DELEGATE

Most people are familiar with the concepts of budgeting their money and spending it in ways that give them maximum benefit. But too many "money-smart" people are spend-thrifts with their time.

One of the prime offenders is the manager who has forgotten that a good manager is one who has trained his staff so well that he could walk out of his office at any time and be assured that routine decisions will be made. The superintendent who understands this and who has trained his staff to take care of the day-to-day mechanics of running a golf course is the one who has time and energy to devote to trouble shooting and long-range planning. The key to effective delegation of routine decisions is to make it clear to your employees just how well informed you want to be about the actions they take on responsibilities you have given them. How much independence you give a particular person should depend on the skill and experience he has.

Another form of delegation is to ask a staff member who has brought a problem to your attention to explore various ways of solving the problem, evaluate the alternatives, make a decision, and tell you what he has decided. You will then have a chance to discuss the situation in more detail if necessary. This is an excellent way to assess an employee's ability to make good decisions.

Effective delegation lets you win in two ways. You save your valuable time by not getting involved in minor decisions others can handle, and you also take an important step in training your staff. This on-the-job training increases an employee's value to your organization and contributes to good morale and teamwork.

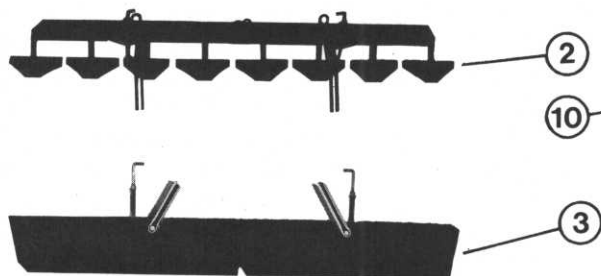
Be aware, though, that no matter how good your system is, mistakes will occur from time to time. The test of a good delegation system is how the situation is handled. On one hand, don't ignore the problem and hope it won't reoccur. But don't make such a fuss over it that a potentially valuable employee loses all confidence in his ability to make good judgements. Use this opportunity to initiate a discussion about what the proper actions would have been and why.

Reprint: FORE FRONT

FEATURES OF THE EASY RIDER THE ADVANCED SMITHCO TRAP MAINTENANCE SYSTEM

These Smithco Easy Rider Innovations Provide a Complete Trap Maintenance System (Illustration below)

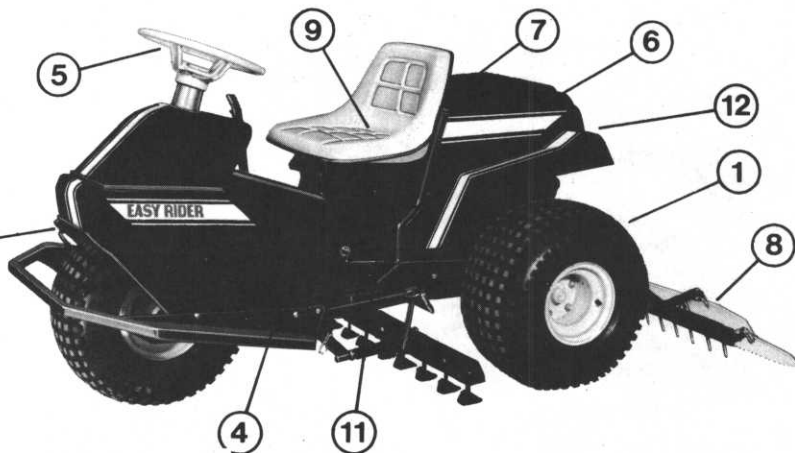
1. **Rear Wheel** load supporting ball bearing hangers.
2. **Weed Cultivator*** knocks out weeds and loosens packed sand. The operator controls the cultivating depth.
3. **Super Scooper*** transports eroded sand from low spots to high spots. Operator controlled scooping and finishing hand lever.
4. **Snorkel type air cleaner** is mounted forward of engine hood for cleaner engine air supply.



*Patent Pending

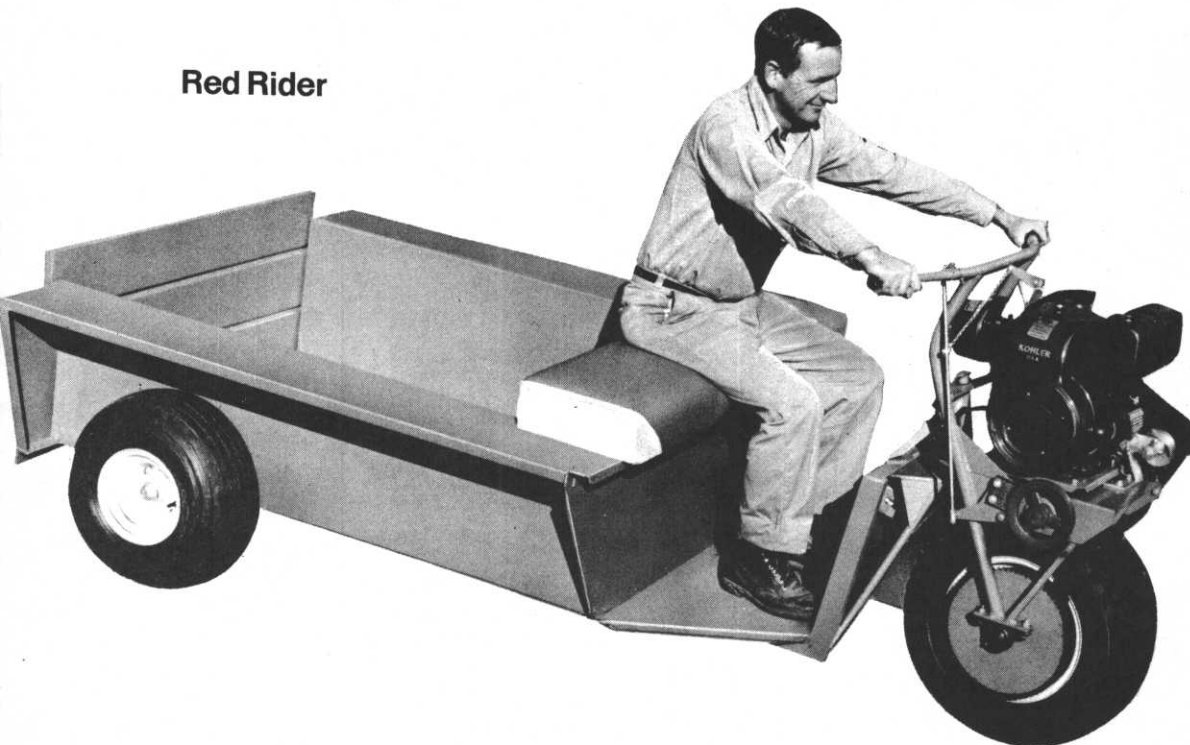
5. **Steering wheel** affords maximum control on turns, easier handling and greater maneuverability.
6. **Molded rock-proof fiberglass body** reduces upkeep . . . retains finish. Engine hood tilts for easy maintenance.
7. **Six quart gas tank** forward of engine.
8. **Simplified finishing rake*** for ultra-fine top layer raking.
9. **Seat in comfortable** position for better balance, safe operation and reduced driver fatigue.
10. **Gas foot pedal and foot brake** with parking attachment.
11. **Low center of gravity** for increased maneuverability and safety.
12. **Extra quiet muffler** reduces noise pollution.

NOTE: See separate literature for information describing the Smithco Easy Rider A.F.C. (Athletic Field Conditioner)* with liner and other attachments for maintaining and lining baseball infields and other athletic fields.



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FIRST AID ON THE GOLF COURSE

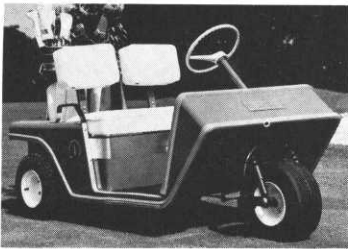
What would you do if a golfer had a heart attack before your eyes? Would you recognize it as a heart attack? What would you do for heat prostration? Stroke? Poisoning? A serious laceration? A broken leg or arm?

How many of your employees would know what to do in any of these situations?

The employees and golfers at a course, while vulnerable to the normal range of afflictions requiring first aid, are even more likely to suffer from some of them than the average person. Strenuous work or recreation, exposure to a variety of chemicals and the use of potentially dangerous tools and machinery all lead to an increased likelihood of injuries occurring on your golf course.

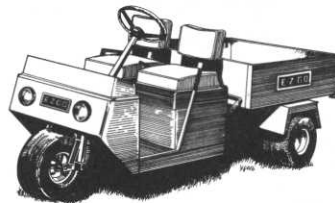
Every superintendent should have a well-thought-out procedure to put into action when a medical emergency occurs on his course.

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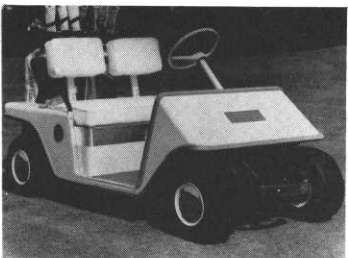


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SALES-SERVICE-LEASING-PARTS

Post the telephone number of the emergency care facility in your community near every telephone - a good place is in the front of the phone book. Many communities use "911" as an emergency number. Also make sure you know where the emergency room in the nearest hospital is in the event that an ambulance is not available.

Strongly encourage your employees to participate in a first aid training course and be the first to sign up. In many areas, the Red Cross will provide free instruction to your group so the only cost is for materials. First aid classes are often offered through local adult education programs or from the Red Cross.

CPR - cardiopulmonary resuscitation is another important skill for you and your employees to acquire. CPR is a method used by either one or two people to restart breathing and heartbeat in an injured person. The CPR method is not difficult to learn but it has great potential for saving lives. The American Heart Association estimates that 100,000 lives a year now lost could be saved by basic CPR followed by advanced life support. CPR training is often incorporated into first aid classes.

Equip and maintain a first aid kit at many locations around the golf course.

Reprint: FORE FRONT

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If you're looking down yellow or off color fairways, take a walk on them with your local USS Vertagreen distributor as soon as possible. He'll show you how USS Tournament Plus 19-5-9 can be the answer to your problems. This great product, developed especially for fairways, will release 48% of its nitrogen content in a sustained, uniform manner because of the urea-formaldehyde

content. And that deep, dark green color will come from the sulfate of potash.

It also contains guaranteed amounts of secondary and micro-nutrients as well as chelated iron for uniform growth. USS Tournament Plus is another reason we say "see the best, for the best" — and that's your local Vertagreen distributor. He'll put the green back in your fairways.



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MAINTENANCE OF SMALL TOOLS

For most golf course superintendents, spring, summer and fall activities call for heavy use of the many hand and gardening tools associated with maintenance of a golf course. Now is no time to lose the use of an important tool because of improper care.

Many people find that wiping tools with a rag soaked in lubricating oil regularly is a good idea. For garden tools, try keeping a bucket of builder's sand mixed with lubricating oil available for quick cleaning and oiling after every use.

Wax is an excellent preservative for both wood and metal. A solution of paraffin wax dissolved in mineral spirits and kept handy in a spray bottle is an inexpensive way to keep hand tools protected.

Wooden handles can become rough and splintery. Often, a rubdown with a light grade of sand paper is all they need, but replacement handles for both gardening and hand tools are usually available.

Keep saws and other cutting tools sharpened. Remember that under heavy use, chisels and screwdrivers can also become dull and difficult to use properly.

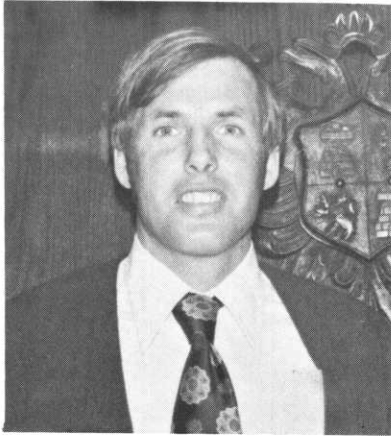
Standard screwdrivers should have square ends and symmetrical faces. Chisels should have a 20-30 degree bevel with no nicks in the cutting edge. Either can be sharpened on a bench grinder, but frequent touch-ups with an oilstone or file delays this major operation.

Proper storage of tools is important for maintaining them in good condition. Gardening tools should be hung, if possible, in a protected area where it is cool and dry. Most hand tools, too, can be stored on a wall or pegboard. You may find it useful to designate a spot for each tool, either with a label or by drawing an outline shape of the tool where it should be located when not in use.

Having a special place for tools not only makes them easier to find when they're needed, but makes it easier to see if any are missing. This can help cut down on tool loss through negligence or theft.

Good quality tools will last many years with regular maintenance.

MEET YOUR SUPERINTENDENTS !



ROGER KISCH has been the golf course superintendent at the Southview Country Club for the past thirteen years. During his tenure Southview has grown to be recognized as one of the most finely manicured golf courses in the Twin Cities. Prior to his joining the staff at Southview, Roger worked for three years at Braemar and also attended the Winter Turf Course at the University of Illinois. Camping takes up a lot of the spare time for the Kisch family which also includes Roger's wife, Dione, and their two boys, Jim, ten, and Gary, nine. Bow and arrow hunting is also a pastime which Roger says he dearly loves. He is also quite accomplished at this sport, having bagged numerous deer while hunting in this fashion.



DENNIS SCHOENFELDT is one of M.G.C.S.A.'s members who recently accepted a position of "Pleasure and Pain". After serving sixteen years as superintendent at the Root River Country Club in Spring Valley, Denny accepted the position of superintendent at the brand new club in Hayfield called The Oaks Country Club. While having the pleasure of watching this club mature into a fine golf course and knowing that he was an integral part of this development, he has also already learned the amount of work and pain necessary to attain that goal. A member of M.G.C.S.A. since 1961, Denny has also worked at the Mankato Golf Club and a course in Farmington, Michigan. Denny, his wife, Del, and their son, Danny, find one of their favorite hobbies to be traveling to and visiting various parts of the United States.

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JUNE



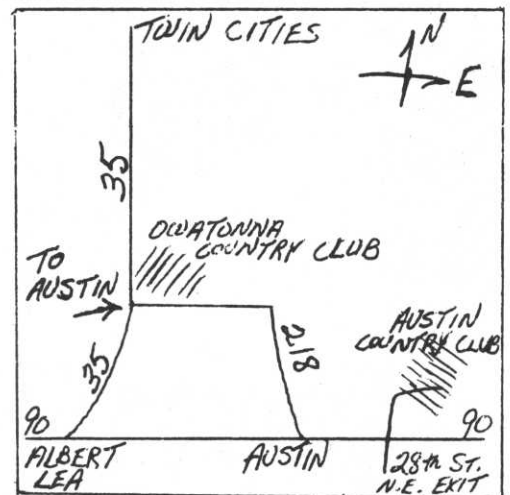
MEETING

TUESDAY, JUNE 13 AUSTIN COUNTRY CLUB

SCHEDULE

Austin, Minnesota

- 10:00 a.m. Dr. French. Actual demonstration on Practical Elm Tree Injection.
- 11:00-12:30 Lunch Served
- 11:00- 5:00 1st Annual Summer Getaway Classic Golf Tournament...Callaway Handicap System used. Tennis, swimming available.
- 5:15 p.m. Winners Circle and Business Meeting Social Time
- 6:30 p.m. Buffet Dinner



BUSINESS MEETING & DINNER

The June Business Meeting is scheduled for 5:15 p.m. Following the meeting cocktails are available. A special buffet featuring prime ribs, barbecued pork ribs and fish will be served at 6:30 p.m. at a cost of \$8.00 which includes tax and gratuity.

RESERVATION FORM: Business Meeting and Dinner, June 13, Austin Country Club.

NAME _____

ADDRESS _____

ENCLOSED IS CHECK FOR \$ _____
 NUMBER ATTENDING _____ COMPLETE COST OF DINNER \$8.00.

____ Yes, I plan to play in the Supes' Austin Golf Classic

Make out check to M.G.C.S.A. and mail to Carl Johnston, 20985 Harrow Avenue North, Forest Lake, Minnesota 55025. Office: 612/464-3097; Home: 612/464-6493.

Deadline for reservations is Friday, June 9, 1978.

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