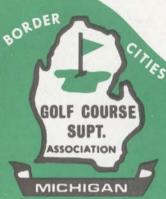
GV 975 A1 P3

November 1979



# AMOREM STATE UNIT STATE OF STA

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



### TURFGRASS, INC.

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Autumn is here, and so is inflation, Eating your dollars with great jubilation. Perhaps we can help you to be "penny-wise" And save you some money as prices do rise.

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) Mar		/	/ 5	/	rtal Shaft	Shaft	/	Reduction	Reduction	Gov. Span	P 1	i let	4	Vpe Ignition		Tant	(Or.)
Horsepowe	Model	7.Vpe	Variation	Horiza	Verria	Crankshaft P. T. O.	670.	2 To.		No. Go	] =	Starton	Point	C.D.	Air Cu	Fuel Ta	Weight
	GV150	A1			×	3 5/32 × 7/8 DIA, TAPPED 3/8 24 UNF				3600	Х		×		SD	2,12	28.7
	GV150	A2	10	10	×	2 7/16 x 7/8 DIA. TAPPED 3/8 24 UNF				3600	×		×		SD	2.12	28.7
3.5	G150	۵	AF	×		2 7/16 x 3/4 DIA, TAPPED 5/16 24 UNF			×	4000	×		х		ОВ	2.64	29.8
	G150	PE	AF	×		2 7/16 x 5/8 THREADED			×	4000	X		х		ОВ	2.64	29.8
Cr.	G150	на	AF	Х		2 3/4 x 3/4 DIA.	×		Х	4000	×		×		ОВ	2.64	37.1
	GV200	(1)	N40		×	3 5/32 x 1 DIA, TAPPED 3/8 24 UNF			×	3200	X			×	DE	2.01	37,5
	GV200	(2)	N50		×	1 13/16 x 1 DIA, TAPPED 7/16 20 UNF			×	3200	×			×	DE	2.01	37.5
	GV200	(3)	N4C		×	3 5/32 x 1 DIA. TAPPED 3/8 24 UNF			×	3700	×		×		DE	OPT.	35.3
5	G200	Q	AF	×		2 7/16 x 3/4 DIA. TAPPED 5/16 24 UNF			×	4000	х		×		ОВ	3.68	33.1
	G200	v	A5	×		2 53/64 × 0.755 DIA. TAPER 2 1/4 PER FT.			X	4000	×		x		ОВ	3.68	33.1
	G200	PE	AF	X		2 7/16 x 5/8 THREADED			Х	4000	X		X		ОВ	3.68	33,1
	G200	S	AG	×		2 3/64 x 22 mm DIA.		×	×	4000	×		Х		ОВ	3,68	46.5
	G200	на	AF	Х		2 3/64 x 3/4 DIA.	X		Х	4000	×		Х		OB	3.68	41.5
	G300	۵	B6	×		3 31/64 x 1 DIA. TAPPED 7/16 20 UNF			×	4000	×			×	DE	6.36	48.5
	G300	٧	В6	×		4 11/64 x 7/8 DIA. TAPER 2 1/4 PER FT.			×	4000	×			X	DE	6.36	48.5
7	G300	S	87	×		2 3/32 x 22 mm DIA.		×	Х	4000	Х			Х	DE	6.36	63.5
	G300	на	86	х		3 7/32 x 1 DIA, TAPPED 7/16 20 UNF	×		Х	4000	Х			×	DE	6.36	59.0
	G300	Q	JO	×		3 31/64 x 1 DIA, TAPPED 7/16 20 UNF			×	4000	OPT.	х		×	DE	6.36	59.0
	G400	Q	В6	×		3 31/64 x 1 DIA, TAPPED 7/16 20 UNF			×	4000	×			Х	DE	6.36	66.1
10	G400	V	86	×		4 11/64 x 7/8 DIA, TAPER 2 1/4 PER FT.			×	4000	×			×	DE	6.36	66.1
	G400	Q	10	×		3 31/64 x 1 DIA. TAPPED 7/16 20 UNF			х	4000	OPT.	х		×	DE	6.36	76.0
	GV400	(4)	AA		×	3 5/32 x 1.0 DIA. TAPPED 7/16 20 UNF			×	3550	×		×		DE	2.44	61.7
i i	GV400	(5)	AB		×	3 5/32 x 1.0 DIA. TAPPED 7/16 20 UNF			×	3550	×		×		DE	OPT.	61.7
11	GV400	(6)	JB		×	3 5/32 x 1.0 DIA. TAPPED 7/16 20 UNF			х	3550	×	×	×		DE	OPT.	68.4
	GV400	(7)	JD		×	3 5/32 x 1.0 DIA. TAPPED 7/16 20 UNF			×	3550	OPT.	×	×	10	DE	OPT.	66.2

TYPE: (1) N40 with CDI & Extended Oil Filler Tube (2) N50 with CDI & Extended Oil Filler Tube (3) N4C (without tank, oil filler tube, with S-type muffler) (4) AA - STD. type

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### "A PATCH OF GREEN"

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

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Left to right: Jim Standish, Executive Director of the Golf Association of Michigan; Jim Timmerman, Director of MTF; Clarence Wolfrom, an early member of MTF; Jim Smith, past President of MTF; Clem Wolfrom, President of Michigan & Border Cities Golf Course Superintendents Association; Gordy LaFontaine, past President MTF; and "Tuck" Tate, President of MTF.

# A dream comes true

started 14 years ago came true. The groundbreaking ceremonies for the Robert W. Hancock Turfgrass Field Lab took place at MSU.

The location of the Lab will be on the Southeast corner of Mt. Hope and Farm Lane on the MSU Campus, East Lansing, Michigan.

You may ask, "Who is Robert W. Hancock?"

The late Robert W. Hancock was a past President and Greens Committee Chairman of the Country Club of Jackson. He became interested in the many difficulties growing turfgrasses in the State of Michigan. Because of his desire to assure that Michigan would always have most attractive golf courses, he was encouraged by the Michigan Turfgrass Field Laboratory.

generous contributions. coupled with the proceeds from all previous "golf days" including this

On October 11, 1979, a dream which year's \$12,000.00 will be used to equip the Laboratory. We can all be proud of the results. Many people have devoted countless hours and a lot of hard work to make this dream come true.

> Congratulations to all and a special "Thanks" to the early dreamers.



Some of the hearty guests at the ground breaking ceremonies - braving the cold, wet weather.



MICHIGAN & BORDER CITIES GOLF COURSE SUPERINTENDENTS ASSOCIATION Board of Directors. Left to right: Back row — Mike Edgerton, Charlie Gaige, Ed Heineman, Kevin Dushane, Frtiz McMullen, Chris Myers, and Walter Trombley. Front row — Bruce Wolfrom (Sec.-Treas.), Past President Clem Wolfrom, newly elected President Jim Timmerman, and newly elected Vice President Bob Hope.



Clarence Wolfrom, right, presents Gene Johanningsmeier with trophy for winning the 1st Annual "Clarence Wolfrom Classic" tournament.



Above: Host Don LaFond, left, and Bay Pointe Golf Club owner, Ernie Fuller.

Below left: MBCGCSA President, Clem Wolfrom, thanking the crowd for their support.

Below right: Fritz McMullen, Golf Chairman, and Dr. Joe Vargas of MSU.







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## Softball game benefits turf research

A softball game benefitting Michigan Turf Grass Research was played by teams from the Michigan and Border Cities Golf Course Superintendents Association and Century Rain-Aid Irrigation Specialists. Century Rain-Aid offered to donate \$100 to Turfgrass Research if the Superintendents would field a team. An equal amount was to be donated to the cause if the Superintendents won. Although it hurt pocketbook, Century Rain-Aid presented \$200 to Turf Grass Research as the Superintendents won the game, 5-2.

The game was played Friday, September 28. All seven innings were completed in just one hour. Jerry Gill, the Superintendent's co-manager, said it was a "good defensive ball game on both team's part."

The only outstanding offensive play of the game came when Superintendent Kevin Dushane hit a home run.

The real surprise of the game came from the superb defensive play of Superintendent Jerry Gill, who looked like a combination of Brooks Robinson and George Kell, yet older than both. Gill states that the team "would like a rematch - another challenge" from Century. "Every member really enjoyed the game. Our thanks to Century for a

fine gesture on their part."

Century Rain-Aid is preparing now for next year's game. They report that it will be their turn to pick the field because this year's field conditions were "similar to the Majove Desert in the dry season."

Both teams commend the fine umpiring of Dick Roberts. Century would like to extend a special thanks to Ted Woerhle, Clem Wolfrom, and Bruce Wolfrom for helping to get this project in the air and flying, (even if the softball wasn't).

# 50TH ANNUAL MICHIGAN TURFGRASS CONFERENCE

January 15 & 16, 1980 Kellog Center Michigan State University East Lansing, Michigan

### Superintendent position open

The Interlachen Country Club, located in the suburb Edina of Minneapolis is accepting applications for the position of Grounds Superintendent.

Send resume to: Interlachen Country Club, 6200 Interlachen Blvd., Edina, Minn. 55436, Att'n: Donald W. Abel.



### TEAM ROSTERS

### MICHIGAN AND BORDER CITIES GOLF COURSE SUPERINTENDENTS ASSOCIATION

Lee Bidwell - Farmington C.C.
Kevin Dushane - Wabeek C.C.
Mike Edgerton - Meadowbrook C.C.
\*Jerry Gill - Tam O'Shanter C.C.
\*Roger Gill - Pine Lake C.C.
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Fritz McMullen - Forest Lake C.C.
Don Ratcliff - Glengarry C.C.
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### CENTURY RAIN-AID

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## Can you afford not to?

by Stanley J. Zontek Director USGA, Northeastern Region

One of the most valuable and unique services the USGA offers to its Member Clubs is the Turf Advisory Service. How else can you receive a one-half day visit by an experienced golf turf-oriented agronomist candidly discussing your course in detail. followed by a comprehensive written report. . .all for \$200 per visit?

For many clubs this is an exceptional opportunity for club officials and the superintendent to meet, better understand, and develop the programs for the maintenance of their golf courses. Some golf courses routinely receive one Turf Advisory Service visit annually as a kind of "physical examination." Others prefer two or more visits per year to monitor more closely the conditions on the course through the golf season. In either case, these thoughtful clubs and their superintendents use and appreciate the services offered by the USGA to its Member Clubs and the expertise of the Green Section staff. For such a small investment they are supporting the activities of the organization that governs the game of golf. They also are reinforcing their own thinking on the management of their golf facility.

Isn't this a worthwhile endeavor for all those people concerned and involved with the care of their golf courses? We certainly believe it is. To those clubs already utilizing the services of the USGA Green Section, we thank you and hope that this support continues.

To those other golf courses not taking advantage of this service, we invite you to participate actively in the USGA and its turf extension arm, the Green Section.

There are six well-staffed regional offices conveniently located across the country. A golf course superintendent or club official just needs to contact one of these offices and schedule a Turf Advisory Service visit. Golf courses certainly have something to gain by utilizing this service at a most economical price.

North Central Region:

P. O. Box 592 Crystal Lake, Ill. 60014 (815) 459-3731 Carl H. Schwartzkopf, Director

### **USGA Green Section Record**

The USGA Green Section Record, devoted to golf course management, is published six times per year in January, March, May, July, September, and November. Subscriptions are \$3 per year. Subscription requests should be sent to the USGA, Golf House, Far Hills, N.J. 07931.

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DATE .

OR YOU MAY CONTACT THE NEXT GOLF COURSE SUPPLIER WHO CALL ON YOU AND GIVE HIM THE INFORMATION NEEDED FOR APPLICATION.



### Bob Pontius celebrates 25 years as Superintendent

Robert Pontius' first introduction to golf course maintenance began in April, 1943. He was employed at Congress Lake Country Club, Hartville, Ohio. September, 1954 began Bob's first Golf Course Superintendent job at Squaw Creek C.C., Vienna, Ohio. From there, in 1961, he moved on to Lyndhurst, Ohio with Acaria C.C. After being with Acaria C.C. for 11 years, he moved on to Franklin Hills C.C. in Franklin, Michigan. He has been employed there since 1972.

Bob read of the certification program and became interested in April, 1972. He was the 57th person in the United States to be certified. He became the 18th person in the United States to be recertified in 1977. During his years as a golf course Superintendent, five men working with him

have become Golf Course Superintendents.

Bob is married, has four children, one grandson. He loves the outdoors, hunting, fishing, snowmobiling, and golf, a left hander, with a 7 handicap. 1972 - Class A Championship of the Cleveland, Ohio Left Handers Tournament was won by Bob.

### PENNSYLVANIA TURFGRASS CONFERENCE

February 26-29, 1979

Hershey Motor Lodge & Convention Ctr. Hershey, PA 17033

Contact: Arthur D. Wick, P.O. Box 362, Sewickley, Pa. 15143, or Christine E. King, Secretary-Treasurer, Pennsylvania Turfgrass Council, 412 Blanchard Street, Bellefonte, Pa. 16823.

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### From FOREFRONT

### Why you need an Employee Handbook

A new job can be one of life's traumatic experiences. There is an endless stream of information to be assimilated, names to be memorized and duties and procedures to be learned. Supervisors and new employees are often strangers, so there is little opportunity for either to read additional meanings into the other's conversation. In any case, information transmitted verbally is often misinterpreted or forgotten, making the transition period that much more difficult for both parties.

An employee handbook or personnel manual can be an easy source of information about the day-to-day operation of a company, its policies and the responsibilities of both employees and supervisors. It can give the new employee a friendly welcome and serve as a continuing source of information about the company.

Handbooks were once considered a frill that only large companies could afford. Today many small companies use them to give employees the information they need to know to do their jobs.

The handbook should begin with a brief welcome message to the new employee. It might also emphasize the importance of the employee's job to the company.

You also may want to include sections on the history of the company or organization and its products, services or sales. This information will help the new employee feel that he belongs in the organization.

To fit in with other employees, a new person needs information on working hours, lunch and other breaks, time clock regulations, reporting of absences, supervisors, wages and

Continued on next page

paydays. Since salaries change frequently, it might be a good idea to make a general statement on the subject in the handbook itself and keep the information current by inserting a supplementary mimeographed sheet.

Information on health insurance, vacations, wage reviews and promotions, savings and pension plans, service awards and employee profit-sharing plans also should be included.

Above all, keep the information current. If certain aspects of your operation change rapidly, it might be less expensive to keep the information in the handbook general to avoid having to rewrite and reprint it.

### TEN COMMANDMENTS FOR LIVING WITH PEOPLE

- Speak to people. Nothing is so nice as a cheerful greeting.
- 2. Smile at people. Takes 72 muscles to frown, 14 to smile.
- 3. Call people by name. Sweetest sound is one's own name.
- 4. Be friendly and helpful. If you want friends, be a friend.
- Be cordial. Speak and act to prove everything you do is a genuine pleasure.
- Be genuinely interested in people. Just try and you can like almost everyone.
- 7. Be generous with praise and courteous with criticism.
- 8. Be considerate with others. There are often three sides to a controversy; yours, his and the right side.
- 9. Be alert to give help. . .what we do for others lives and is immortal.
- 10. Add to all this a good sense of humor, loads of patience, a dash of humility and you will be rewarded many fold.

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misfortune is a sign of lack of education; to accuse yourself shows that
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# Russell H. Tiller named to TUCO sales force

KALAMAZOO, Michigan - Russel H. Tiller has been promoted to agricultural chemical sales representative for TUCO, Division of The Upjohn Company. The announcement was made by Owen B. Lewis, Agricultural Chemical Marketing Manager.

In his new position, Tiller will be responsible for TUCO agricultural chemical sales in the states of Michigan and Indiana, and will report to Donald J. Maske, North Central Dis-

trict Manager.

Formerly a biology/biochemical assistant with Upjohn's Agricultural Division, Tiller holds a B.S. Degree in Agribusiness from Western Michigan University. The Otsego, Michigan native, his wife Sara, and their two sons reside in Richland, Michigan.

### Preventative maintenance

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a lot of unnecessary expense.

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### How to repair a ball mark

The ball landed with a thud. The green was soft, and as the ball bounced forward it left a deep little crater in the turf, exposing brown earth at the back and grass blades pushed together at the front.

Ignoring the little crater, the golfer walked up to his ball, cleaned it, holed his putt and glowed with self-

satisfaction.

Some hours later, after the exposed earth in the ball mark had dried out, another golfer found the damaged area in his line of putt. He attempted repairs, but the result was not very satisfactory. An unflattened bit of turf twisted his putt off line.

Next morning an inexperienced greenkeeper mowed the putting surface without repairing ball marks. The result was a putting surface pocked-marked, untrue and covered with bare spots where the mower scalped the grass from the turf.

What Happens

What actually happens when a ball mark is not promptly and properly

repaired?

1. Soil is exposed, and so the area immediately surrounding the ball dries up faster than it would if the ball marks were repaired; and thus a blemish is left on the green.

2. There is a chance that the raised turf caused by the ball will dry

quickly and may die out.

3. The open soil invites weed invasion, such as crabgrass, silver crabgrass, POA ANNUA, dandelion, plantain, or Pearlwort. . . seed of which could be brought in on the shoes of golfers, caddies or workers or on mcwing equipment.

4. The improperly repaired or neglected ball marks leaves a bumpy spot in the green. If not corrected before cutting the next day, then the spot is scalped by the mower and the bruise mark remains for several days. This is especially noticeable in the Northeast during the summer season.

William H. Bengeyfield, Western

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# Precision Controllers With Unmatched Flexibility.

J-M Buckner is first in the industry to offer you solid-state microelectronics in an irrigation controller. Our KCS line of controllers are as easy to operate as pocket calculators. KCS offers unmatched flexibility with 12 or 24 individual circuits and four 14-day schedules ... all with timing accuracy down to a fraction of a second. The KCS totals daily watering time, allows skipping up to nine days, has both automatic and manual syringe cycles for services such as dew removal and many more unique features. Operation is simple, fast and accurate.



Now is the time to consider converting existing quick coupling valves or manual systems to automatic -- with J-M/Buckner, solid state KCS automatic equipment and new automatic valves and sprinkler heads.

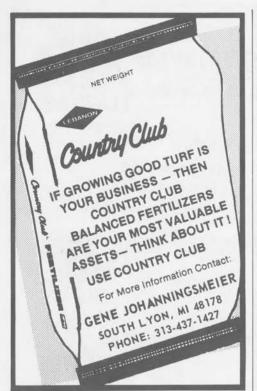
You may do it yourself -- or check with Jim Vince, Nick Licari or Mike Byrnes, on design and installation.

### make natural beauty automatic

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



If you have changed your address, please let us know so we can keep our addressing plates up to date.

### **Present Address:**

31823 Utica Road

Fraser, Michigan 48026

ADDRESS		
CITY	STATE	ZIP
Fill In New	Address:	
NAME		
ADDRESS		

Director of the Green Section, says:

"From an agronomic viewpoint, a ball mark bruises the grass plant and severely damages or destroys the meristem or growing point. This means that turf recovery must take place from the perimeter of the damaged area, and this takes considerable time. Rapid drying of the damaged area is a major factor in delaying recovery. Some soil compaction also results from the ball's impact.

How To Make Repairs

There is a correct way to repair a ball mark and, simply stated, it is to stretch the turf back over the bruised area, then loosen the soil beneath so that the bruised turf is able to root again.

To loosen the soil, some sharppointed instrument is required, such as a golf tee. The instrument must be sharp enough to penetrate the soil easily, and strong enough to cut through soil laterally at a depth of one inch or less.

In stretching the turf back over the ball mark area, try not to tear it loose. After the soil is loosened, the bruised and stretched turf must be firmed or pressed down to make contact with the soil again; otherwise, it may dry and die.

If a divot is taken when the ball hits the green and skids, the divot must be carefully stretched and replaced.

GOLF IN THE LATER YEARS

My muscles are flabby; I can't hit a drive.

My mind often doubts if

I'm really alive.

My chipping is lousy,

I never could putt.
I guess I'll just stay home and

just sit on my butt.

My iron plays awful,

my woods are as bad,

I'm describing my game as a

shade short of sad. So the outlook today is for

grief and for sorrow.

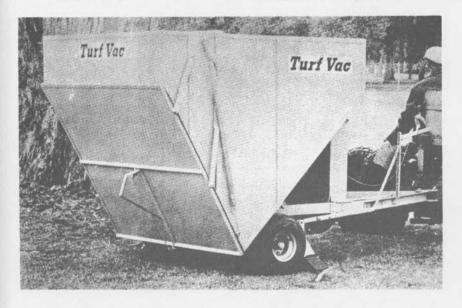
Say! who can we get for a fourth tomorrow?

# Now! A Jull Five-Foot Wide Model-FM 5 Turf Sweeper by TURE-VAC



- \* PICKS UP EFFICIENTLY
- \* FULL 5' SWEEP
- \* HUGE HOPPER CAPACITY
- \* EASY DUMP

- \* FLOATING SCOOP
- \* EASY TRANSPORT
- \* LOW MAINTENANCE
- \* PICKS UP WET OR DRY



Engine: 14 HP

Frame: welded structural steel

Hopper: 5 cu. yards

Welded steel construction

Overall: Width 5'-4"



CALL FOR A DEMONSTRATION

### LAWN EQUIPMENT CORPORATION

520 W. 11 MILE ROAD ROYAL OAK, MICH. 48068 TELEPHONE: 313-398-3636

JACOBSEN



# 154-154T SWEEPERS

The patented rubber pick-up fingers is the reason that the Jacobsen Model 154 Sweeper picks up the debris that other sweepers leave behind. Two reels of counter-rotating, interlocking rubber fingers pick up everything in sight . . . from small branches to cigarette butts. They'll police your grounds better than a company of recruits. With a 48'' sweeping width and a one cubic yard hopper capacity, the Jacobsen Sweeper lets you stay ahead of the job.

The Model 154 self-propelled Sweeper (pictured above) and the Model 154T pull behind Sweeper are designed to sweep wet and dry clippings, leaves, rocks, cans, bottles, branches and litter of both, turf and hard surfaces.

- CALL 313-647-7700 FOR A DEMONSTRATION -

### W.F. Miller Garden & Lawn Equipment Company

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

"A Patch of Green"
31823 UTICA ROAD
FRASER, MICHIGAN 48026



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