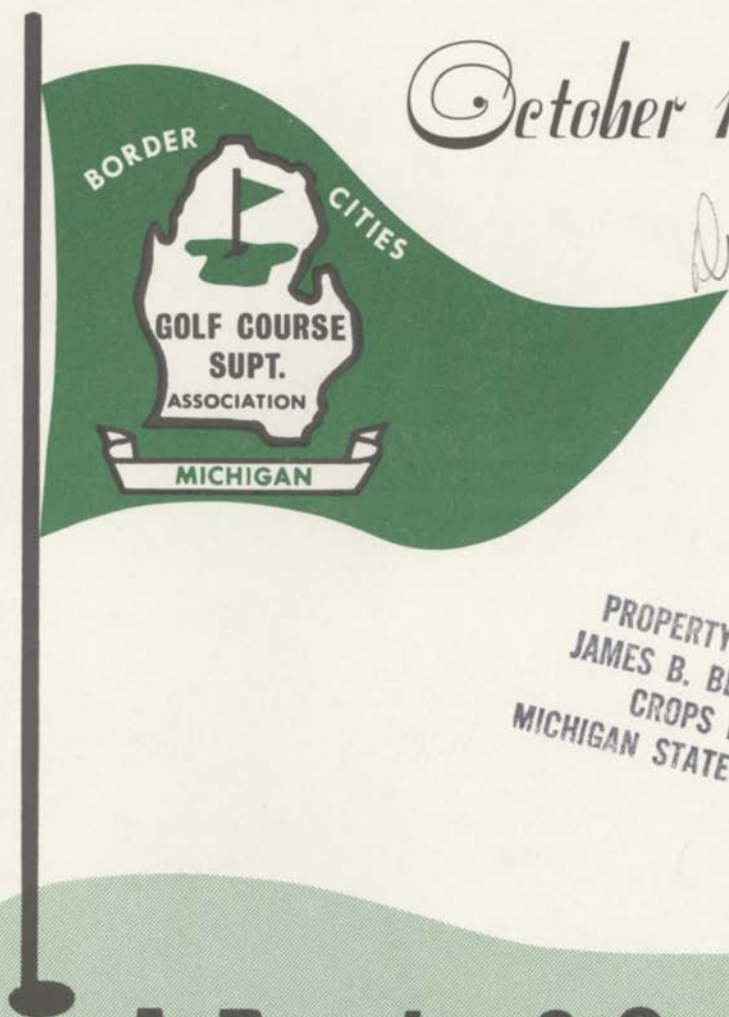


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October 1972



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The President's Message

September was a busy month. It was the month of our Annual Fund Raising Day. We made about \$10,000 profit, to be used for turf research.

We had two educational meetings — one at Edgewood, and one at the Kingsley Inn. On Wednesday, September 13th we drove up to Traverse City Golf and Country Club, Traverse City, Michigan to see what Michigan State had to show us at their Northern Michigan Turfgrass Field Day. (A report on the results will appear later) Some 300 interested people attended the Field Day.

This month we will have another busy schedule. October 9th we are guests of Upjohn Chemical Company, Kalamazoo, and the next day we have a joint meeting with Michiana, Northern Michigan, and the Western Michigan Superintendents Association at the Kalamazoo Country Club with Roy Peck serving as our host Superintendent.

October 25 and 26 we have an opportunity to attend the "Management Seminar I" at Columbus, Ohio, sponsored by the GCSAA.

The opportunities to improve your education have been numerous. This has been the primary objective of this administration and we feel that the year 1972 has been a success.

Your President,
Ted Woehrle, CGCS



Dr. Jim Beard, of MSU, explaining the results of the bent plots at Traverse City.



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C. E. "Tuck" Tate Receives Certification by the GCSAA

On September 13th, "Tuck" Tate, Superintendent of the Frankfort Golf Club, was presented his "Certified Golf Course Superintendent" plaque. After he completed all the necessary requirements for participating in the Certification Program he took the six part exam and passed to qualify for the coveted certificate.

Ted Woehrle, Director of GCSAA, presented the plaque at the luncheon of the Northern Michigan Turfgrass Field

Day at the Traverse City Golf and Country Club (last home of the great "Haig"). The accompanying picture was taken in front of the Memorial Stone honoring Walter Hagen, on which is, *"You're only here for a short visit. Don't hurry. Don't worry. And be sure to - smell the flowers along the way."*

Walter Hagen

Congratulations to "Tuck" for his achievement.

golf day a Success

Most of the details are in and it looks like another huge success for our Annual Golf Day, held this year at Oakland Hills C.C., Birmingham. Despite the heavy rains the night before, we teed off 365 golfers and fed 385 people.

It was a great association effort and Clem Wolfrom, the General Chairman, is to be congratulated for his individual work. Our committee chairmen and their members did an outstanding job.



Danny Uzelac - "Boy, did I really win?" Las Vegas for Dorothy and me. Or should I take someone else?

George Prieskorn, Chairman of the Ticket Committee, raised over \$4,000. Contributions for prizes were solicited by Ward Swanson, who did another fine job.

The lucky winner of the drawing was Danny Uzelac, Superintendent of the Dominion Golf Club, Windsor, Ontario. He won a four day trip to Las Vegas for two. The entire story will be featured next month.

— NEXT MONTH —

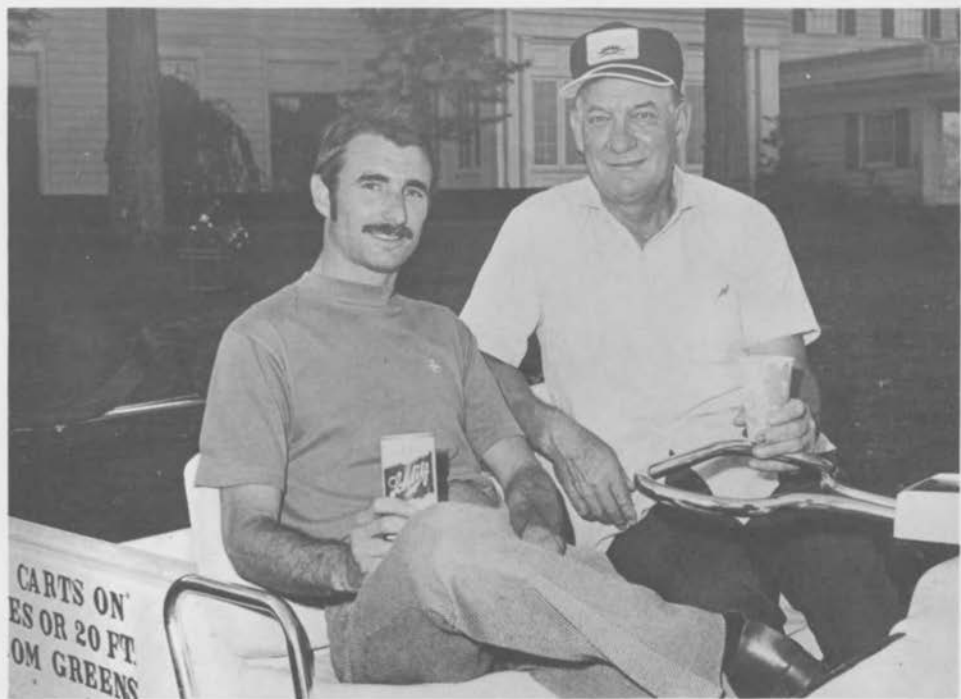
Annual Golf Day at Oakland Hills C.C. highlights.

BELOW: Left; Gordy LaFontaine, Lawn Equipment Corporation, Treasurer and Coordinator; Right; General Chairman Clem Wolfrom, Superintendent, Detroit Golf Club.





Marshal Committee: Chairman Clarence Wolfrom, Superintendent of Maple Lane Golf Club on cart; Gene Johaningsmeier, Director of Michigan Turf Foundation, on left, and J. D. Armstrong, immediate Past President of the Michigan Turf Foundation.



The Beer Committee: Jim Vaughn (McLoud), Superintendent Dearborn C.C. and Al Kaltz, Superintendent Maple Lane Golf Club — Co-Chairmen.



Roger Gill, Superintendent of Royal Oak Golf Club, Co-Chairman of Cart Committee.



Gerald Gill, Superintendent Tam-O'Shanter C.C., Co-Chairman of Cart Committee.

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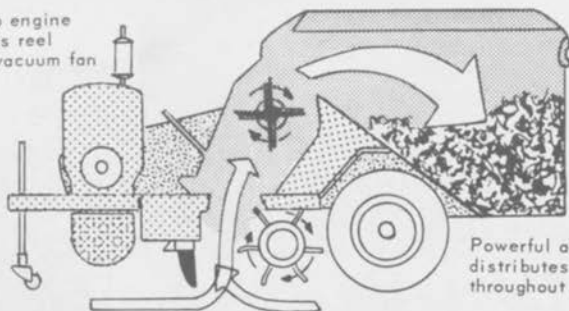
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Pest of the Week

Submitted by Gregory Patchan, Oakland County Horticulture Agent

Recently a number of us got together and visited with nurserymen and others at various locations in Monroe County. Below is a list of those present on the trip.

Michigan State University - DR. JOHN HART, Extension Pathologist (Shade and Forest trees), DR. FRANK LAEMMLEN, newly appointed Extension Pathologist (Ornamentals), GREG PATCHAN, Oakland County Extension Horticultural Agent, JERRY DRAHEIM, Wayne County Extension Horticultural Agent, ED KIDD, Monroe County Extension Agricultural Agent, GURDON DENNIS, District Extension Horticultural Agent; and from the Michigan Department of Agriculture, Plant Industry Division were Assistant District Director JIM BROZOVICH, and

MEL GOMULINSKI and BILL YOUNG, Inspectors.

We thought that some of the things we saw and the suggested solutions to some problems might be helpful or of interest in your nursery, landscape or institutional maintenance work.

1. LEAFHOPPER BURN Everywhere we went we noticed damage from leafhoppers, mostly to the new growth on many plants. The new growth of Maples in particular, including Norway, Sugar, and Red, show leaves curled, chlorotic and burned at the leaf edges on the terminals of the branches from leafhoppers. Diazinon, Malathion or Sevin will control this insect. In years like this repeat sprays are necessary every two weeks. Sevin may last as long as a

Continued on Page 12

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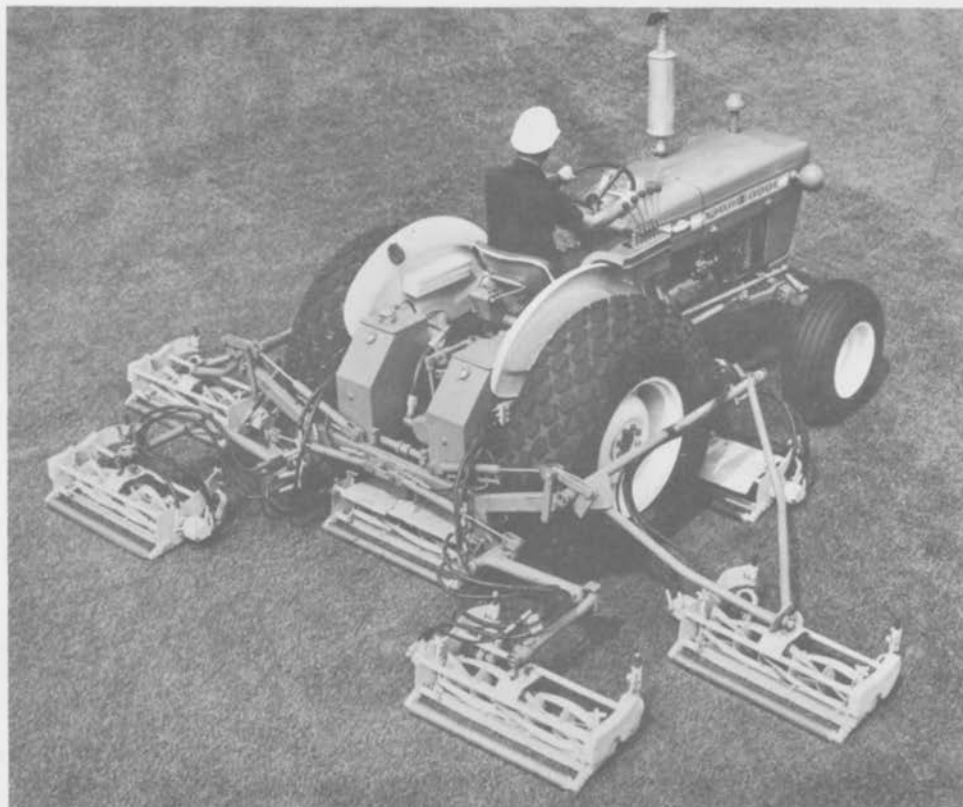
DATE _____

NAME OF INTERESTED PERSON _____

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



New Equipment Displayed

Part of the Traverse City Field Day included various items of equipment. The latest mowing equipment to be demonstrated was the all new Roseman Hydra Gang Mower.

The reels are individually mounted to their own hydraulic motors, live PTO power to all reels through a single handle control valve.

Back lapping is possible by reversing the control valve handle.

The mowing unit can be mounted on a 2000 or 3000 Ford tractor.

It looks like a real move forward in mowing equipment.

BELOW: "The Big Three" at Traverse City C.C. Equipment Demonstration.



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Anderson Ownership Changes Hands

Cliff Anderson, long associated with the turf industry in Michigan, has decided to call it quits. His many friends wish him well in his retirement.

The new owner of the C. E. Anderson Co. is Walter Wilkie. He comes to us from the other side of the state, in Muskegon. Walter is familiar to many of us. He appeared on several of our National Educational Programs representing the March Irrigation Co. of Muskegon.

We welcome him to our area and wish him good fortune.

Pest of the Week Continued

month. There is some indication that the systemics may do a good job on these insects.

2. **CHLOROTIC RED MAPLE** Varying degrees of chlorosis were noticed on Red Maple selections (budded and grafted selections). We have noticed this in the past in many plantings of selections. This never seems to occur in those grown from seed. Suggested cause is a developing graft incompatibility. Trees with severe chlorosis had obviously poor knitting of the tissue at the graft union. There is some indication that some of the trees may in time overcome this but we can't be sure. Badly affected trees can easily be broken at the graft union.

3. **TREE WOUND DRESSING** - A suggested tree wound dressing you can make yourself is Linseed Oil and Copper Sulphate, thick enough so it doesn't run. There seems to be a lot of disagreement among plantsmen on tree paints and even whether they are of value at all. Asphalt base paints are toxic to cambium tissue and may soak through thin bark trees, so paint only the bare wood exposed by the cut - not the healthy bark. Next Page

4. **VERTICILLIUM WILT IN NORWAY MAPLE AND SMOKE TREE** (*Cotinus coggygria*) In several locations wilting of branch ends, whole branches, and in some instances the whole tree, on Norway Maples of all selections, even Crimson King, were noted from Verticillium Wilt. In a few trees a bark canker was present on the main stem. Often the telltale green stain of the sapwood was present only at the base of dead or dying branches or in the main stem near the ground. A red selection of Smoketree (a very susceptible species) showed dieback of the branches similar to winter injury. The green staining from verticillium could only be found in the roots. The only solution is to trim out the affected portion, if possible, and fertilize to promote vigorous, healthy growth. Avoid root injury to established plants such as Maple, since this is a soil-borne fungus disease. Don't replant susceptible species where the organism is known to be present. Some 1200 different species of plants are susceptible. Consult "Control of Plant Diseases in Home and Garden", by M. Shurtleff, for susceptible ornamentals list.

5. **HERBICIDE DAMAGE TO TREES** Simazine damage to Flowering Cherry and Birch occurred where too large an application was made. In one instance on White Birch only an occasional limb on some trees showed damage. Leaves were yellow along the margins but on Flowering Cherry the veins of the leaves were the only thing green. Be *positive* of the right application rates on herbicides - don't learn the hard way. They are efficient, labor-saving cultural tools when used properly in the right amounts.

6. **CROWN CANCER ON FLOWERING DOGWOOD** - A few Dogwoods showed extreme curling of the leaves and premature red leaf color due to crown canker. The canker appears at or slightly below ground level on the main stem. To avoid crown canker don't bump or otherwise injure plants with

Continued on Next Page

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cultivating equipment. Keep plants healthy with fertilization programs and a well-drained soil. They don't seem to like wet feet.

7. **APPLE SCAB ON FLOWERING CRAB** - Many crabs have lost over half their leaves, with some species completely defoliated from Apple Scab, a fungus leaf disease. Some species and hybrids show little or no defoliation. If you are growing or planting flowering crab you might want to select the plants in the nursery now. (It would be easy to tell which are resistant to this disease now). Gurdon Dennis, District Horticultural Agent, has a list of many, giving relative resistance to both fire blight and apple scab. The list originated at Ohio State University, but if you want a copy of the list give him a call.

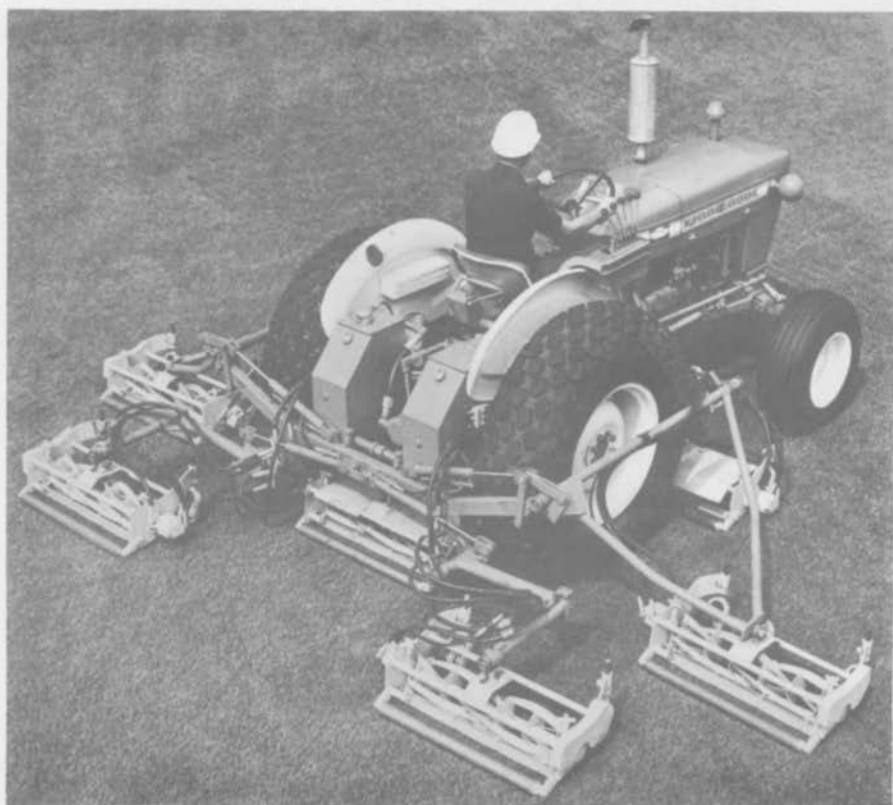
— NEXT MONTH —

Winners of the Annual Golf Tournament at Stoneycroft.

8. **LEAF MINER IN WHITE BIRCH**
The leaf miner was present in large numbers in White Birch in some locations. Where systemic materials were used early in the year they were non-existent. Meta-Systox-R or Di-Syston 2% granules can be used where home plants are concerned. Nurserymen may wish to use some of the higher percentage systemics in the nursery. Care should be used since they are highly toxic organic phosphates.

9. **MITES ON LINDENS** - Little leaf Lindens and Crimean Linden both showed heavy deposits of Black Sooty Mold on the upper leaf surfaces. The sooty mold doesn't do any damage, but it's a result of mites feeding on the undersides of the leaves. Mites cause droppings of sticky sap on the upper leaf surfaces. Mites can be controlled with Kelthane, Acaralate, Chlorobenzilate, or some of the other fine miticides. Two sprays 7 - 10 days apart should be made.

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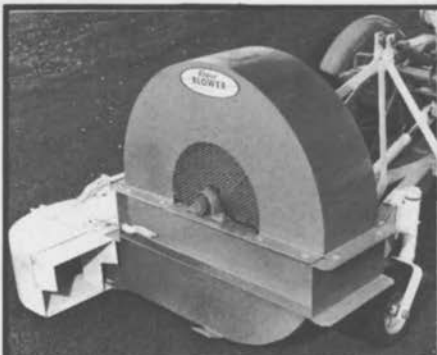
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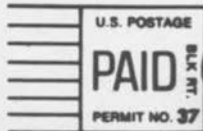
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