



VOL. II NO. 1 Published monthly by the Metropolitan Golf Course Superintendents Association JANUARY 1971

MEETING NOTICE

Date: January 15, 1971

Place: Teddy's Steak House
Central Avenue
Scarsdale

Business Meeting and Luncheon — 1 P.M.
A, B, and C members

Coming Events:

January 20-21 Golf and Fine Turf Conference
Rutgers University
January 29 USGA Meeting & Program, Biltmore, NYC
February 7-12 42nd International Turfgrass Conference,
Denver, Colorado

MGCSA Annual Meeting

The following officers and directors were elected to office for 1971.

President	Everett Wood	
Vice Pres.	Harry Nichol	
Secretary	Edward Horton	
Treasurer	Garry Crothers	
Directors	Anthony Savone	2 years
	Ron Boydston	2 years
	Charles Martineau	1 year

Other directors still in office

Dom DiMarzo

John Madden (Past President)

Three new additions were added to the list of honorary members for 1971. They are as follows:

Dr. Joseph Troll
Clarence Benedict
Lawrence Labriola

Jim Fulwider will captain the golf team that will play in Phoenix, Arizona, for the GCSAA Championship.

The following committee chairmen were appointed by President Everett Wood.

Program — A. Savone

Publicity — Charles Martineau

By-Laws — Harry Nichol

Field Day — H. Nichol, G. Crothers, W. Caputi

Tee to Green Editor — G. Crothers

Tee to Green Advertizing Manager — Ron Boydston

Golf — Al Tretera

Membership — Dom DiMarzo

Welfare — Ron Boydston

Visitation Committee (Executive Board)

Scholarship and Research — (to be decided at a later date)

Federation of NYC Golf Course Superintendent Association — John Madden

Also the appointment of delegates to the GCSAA Conference in Denver, Colorado.

Voting Delegate — Edward Horton

Advisory Committee Delegate — Ron Boydston

National News: We just received from National Headquarters the following news release in regard to the International Turfgrass Conference in Denver, Colorado.

Featuring the "Greatest Show on Turf," the 42nd International Turfgrass Conference and Show will be held February 7-12, 1971, at the Currigan Hall Convention Complex, Denver, Colorado, and will be sponsored by the Golf Course Superintendents Association of America.

In making the announcement, Norman W. Kramer, president, said, "We expect to exceed last year's record turnout of 128 exhibitors who leased some 330 booths to show their newest equipment and materials.

"By attending the GCSAA Conference, the golf course superintendent will be able to speak face-to-face with manufacturers' representatives, and in many cases with designers and engineers responsible for the equipment," Kramer stated.

Among new developments on display for the first time in a national show include products designed to help the superintendents do their jobs faster and more economically:

- A new 9-unit hydraulic mowing tractor; a new line of hydromulching equipment, as well as a new line of debris removal equipment.

- A new triplex riding greens mower that cuts a 62-inch-wide path at one pass, or the space equivalent of nearly three hand mowers.

93
BEARD



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Garry N. Crothers
Edward Horton
Ron Boydston

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Editorial Staff
Advertizing Manager

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John Madden, Engineers C. C. Office 516-621-5350

Not copyrighted. If there is good here, we want to share it with all chapters — unless author states otherwise.

- All-new triplex greens mower that features up-front placement of all cutting units for easy operation, along with variable reel and ground speeds to allow for any combination of cutting speeds for precision mowing.

- A combination-fertilizer spreader/seeder coated with the same type of rust-proof and corrosion-resistant epoxy resin used on the heat shield of the Apollo space capsule.

- A new fine-textured perennial rye grass variety, developed at Rutgers University, that cuts easily and exhibits hardy, durable characteristics.

- A new aerator attachment that shreds cores while aerating.

- A lightweight utility truck that weighs only 160 pounds and costs a little less than \$400.

- A new systemic fungicide and new seed-head inhibitor chemicals.

Also among the exhibits will be institutional displays from universities, the trade press and industry associations, including the United States Golf Association, the National Golf Foundation and the American Society of Golf Course Architects.

The educational program, another outstanding feature of the GCSAA Conference, will last for four days and highlight 40 speakers, including research scientists, agronomists, golf course superintendents, and officials of other golf agencies.

Wives who attend with their husbands will enjoy a complete social program.

MGCSA NEWS:

It was good to see such a large turnout at the Annual Meeting. It certainly was one of the largest for an annual meeting — 39 A members, 5 B members, and a total of 65 for dinner. It certainly was a scramble for Bill-Smith Apawamis's manager. We expected 45-50. I think we should return to post card returns so that the host can make it easier for the manager to plan especially with budget strings being tightened at most clubs.

Speaking of budgets many hours have been spent this fall on budgets, many of them being cut back due to many clubs being in the red in 1970. It certainly is difficult with labor in most clubs being union and having another .25 cent raise coming up in June. The Triplex Greensmower certainly has helped in reducing labor man hours but there are still many areas on the golf course that must be done by hand work or rotary mowers. Golf courses in the Metropolitan New York Area want well manicured golf courses with the best turf conditions, and so as turf managers and golf course superintendents we must impress upon our greens chairman and board of directors that if these are the conditions they desire, we can only cut labor to a certain point and then it will definitely show in the finer points of manicuring which our clubs demand.

On the lighter side we had another great Christmas party but the weather prevented many from coming. We did have 109 at the party. Thanks again to Lois and Bob DePencier, along with Nancy Horton.

The new President from New Jersey GCSA is Jack Martin. He certainly had a nice write-up in the Newark Papers.

The final pesticide regulations probably won't be out for a little while as we have seen some changes in the interpretation of some of the regulations. At this date we know that Calcium Arsonate will be available and not restricted as first thought. This is good news for Chip Cal users. Mercury compounds are definitely out though. Leo Cleary is expecting to announce a new chemical at the National.

Bob DePencier is feeling good again after a recent back trouble (slipped disc) and a week in the hospital.

Pat Lucas is the new superintendent at More-Far Golf Club.

Apawamis's new maintenance shop and storage building is just about ready. The main new feature is a hydraulic car lift with a 8,000 pound capacity. It cost only \$1,000.00 and can be installed very easily by your own crew as long as you can dig deep enough. It certainly shouldn't be left out if you are planning a new building. Any one interested I'd be glad to give them all the details.

The New Year is here so if anybody has any ideas or gripes now is the time to bring them up at the first business meeting on January 15th. Also please contact your club now in regard to a meeting for this coming year. Tony Savone wants to have all meeting dates set up by no later than March 1.

Membership

The following applicants have been approved by the Executive Committee:

Robert H. Capstick	Class A
James Medeiros	Class B

For Sale:

2 1970 Ransome Greens Mowers, 20 inch, Good Condition.

2 used Jacobsen Greens Mowers.

Contact: Harry Nichol
592-6608

HERBICIDE TOXITY GUIDE

Reprinted from the Iowa Golf Course Superintendents Reporter, Charles Calhoun, Editor are tables and information of value to many superes.

TABLE 1. Toxicity Ratings and Dosages for LD50 Values

Value	Rating	Lethal dose for 180 lb. man
50 and below	Highly toxic (HT)	Few drops to 1 teaspoon
50 to 500	Moderately toxic (MT)	1 teaspoon to 1 ounce
500 to 5,000	Toxic (T)	1 ounce to 1 pint or 1 pound
Above 5,000	Nontoxic (NT)	Above 1 pint or 1 pound

LARGER NUMBER MEANS LOWER TOXICITY

TABLE 2. Toxicity of Herbicides with LD50 Values of Less than 1,000

Trade name	Common name	LD50	Toxicity Rating
Less than 100			
Sodium arsenite	sodiub arsenite	10	HT
Aquathol	endothal	35	HT
Dinitro, Preemerge, Sinox	DNBP, DNAP	40	HT
Phenyl mercuric acetate	PMA	40	HT
Aqualin	acrolein	46	HT
Azide	potass um or sodium azide	60	MT
Potassium cyanate	KOCN	85	MT
100-500			
Calcium arsenate	calcium arsenate	130	MT
Ortho Paraquat	paraquat	157	MT
Weedbeads and others	NA-PCP	210	MT
Certrol	bromoxynil	260	MT
Zytron	DMPA	300	MT
Many	2, 4-D acid	375	MT
Diquat	diquat	400	MT
Chlordane	chlordano	450	MT
Many	2, 4, 5-T acid and osters	500	MT
Butoxone, Butyrac	2, 4-DB	500	MT
500-1,000			
Bandane	bandane	575	T
Ansar, Simet, Sodar	DSMA	600	T
Many	2, 4-D esters	650	T
Silvex	2, 4, 5-TP	650	T
Randox	CDAA	700	T
Randox-T	CDAA-T	700	T
Zobar	PBA	700	T
MCPA—many	MCPA	700	T
Tysben-200	TBA	750	T
Falone	2, 4-DEP	850	T
Vegadex	CD=C	850	T
Clobber	cyproimid	940	T
Banvel-T	tricamba	970	T

TABLE 3. Acute Oral Toxicity of Home and Lawn Herbicides

Trade name	Common name	LD50	Toxicity Rating
Grass control			
PMA	phenyl mercuric acetate	40	HT
Lead arsenate		100	MT
Calcium arsenate		130	MT
Zytron	DMPA	270	MT
Bandane	bandane	400	MT
DSMA	disodium methyl arsonate	600	T
AMA	ammonium methyl arsonate	794	T
Enide, Dymid	diphenamid	1,050	T
Betasan	bensulide	1,910	T
Dacthal	DCPA	3,000	T
Treflan	trifluralin	3,700	T
Tupersan	siduron	5,000	T
Balan	benefin	10,000	NT
Azak		34,600	NT
Broad-leaved weed control			
2, 4, 5-T		500	MT
2, 4-D		600	T
Silvex	2, 4, 5-TP	650	T
MCPP	mecoprop	650	T
Banvel-D	dicamba	1,040	T
Temporary soil sterilants (edging or renovation)			
Sodium arsenite		10	HT
Paraquat		157	MT
Diquat		400	MT
Cacodylic acid		1,350	T
Dowpon		3,850	T
Fumigants			
Vorlex		305	MT
Mylone		500	MT
Vapaum	VPM	820	T
Calcium cyanamide		1,400	T
Aquatic herbicides			
Many	sodium arsenite	10	HT
Aquathal	endothal	35	HT
Diquat	diquat	400	MT
2, 4-D ester	2, 4-D	500-600	T
Silvex	2, 4, 5-TP	500-650	T
2, 4, 5-T esters	2, 4, 5-T	500	MT
Fenac	fenac	2,500	T
Dowpon	dalapon	3,860	T
Casoron	dichlorbenil	2,710	T
Amitrole	ATA	15,000	NT

WINTER PLAY IS IMPORTANT FACTOR IN INJURY, DISEASE

By Dr. Noel Jackson*

Once the turf-grasses cease growth in the autumn then continued play creates a wear problem, since no replacement leaf tissue is being produced. Though the wear can be distributed over greens and tees by frequent movement of tee markers and cups, with the commencement of hard frosts this becomes impossible and wear and injury are concentrated on particular areas.

"Winter burn" due to rupture of leaf cells or desiccation of leaf tissues by frost is common, but seldom fatal to grass plants. However, the bruising action of traffic over frozen grass causes severe injury to the aerial parts and subsequent thinning out of the turf. Though frost may injure the underground plant parts by a heaving of the soil, much more serious root injury results from traffic over partially thawed turf. In such conditions walking on the turf causes a shearing action as the soft, unfrozen surface moves across the frozen subsurface. At the same time soil structure of the playing areas may be impaired by compaction and actual puddling, resulting in poor aeration and drainage.

Snow cover will help to protect grass plants from further frost injury, but plants previously injured or subjected to unfavorable soil conditions are less able to withstand the new hazards associated with prolonged snow cover; namely, fungal disease and suffocation. Injured aerial tissues provide ideal infection sites for the "snow molds" which may completely kill plants already weakened. Under packed snow or ice sheets compacted or puddled areas with poor aeration and drainage become deficient in oxygen resulting in asphyxiation of the grass plants.

The late autumn and winter months present the golf course superintendent with a critical period during which *he must keep turf injury to a minimum* or suffer the consequences of slow and irregular growth recovery on the course the following spring. Prevention of winter injury depends on the adroitness of the superintendent, but also largely on the *cooperation of the club members in recognizing that severe damage may be the result of playing the course under unfavorable ground conditions.*

*Assistant Professor of Plant Pathology, University of Rhode Island (From Newsletter, GCSA of New England)



Edward C. Horton, Secretary
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Sponsored by the Golf Course Superintendents Association of America

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Registration Fee: G.C.S.A.A. Members \$15—Non Members \$35

WRITE FOR DETAILS

