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Volume 1 Issue 2

3

1987 Board of Directors

ENT	TREASURER
Bladon	Robert Allen
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alhoum	John Watson
ARY	CONFERENCE CHAIR
byk	Annette Anderson

# SPORTS TURF

## NEWSLETTER

### PRESIDENT'S MESSAGE

I trust all of you had a merry and meaningful Christmas.

Enthusiasm is defined as that "ecstasy of mind in which anything appears possible". This is the type of excitement that is being seen with our Association. We have had enquiries from almost every Province, as people look for ways to improve their generally overused facilities.

While in Ohio we met some of the speakers who will make presentations at the Conference, plus some potential ones. Planned this year are a field day, plus a seminar held in conjunction with the Guelph Turfgrass Institute and O.T.R.F. Please take advantage of these events as you will find them most worthwhile.

It's time to get out and view that equipment you need for this year, and to plan those Athletic Field

programs. Start with a soil test — it will tell you all kinds of interesting things.

Does your staff need training on how sports turf care differs from turfgrass elsewhere in your jurisdiction? Do you need seed? Turf-type perennial ryegrasses are in short supply due to drought where they are grown in the Willamette Valley of Oregon. So order soon for overseeding, or new fields.

Does your staff know why they aerate, how often, or how many passes across that same field?

These and other important subjects will be addressed at the Conference. Your collective enthusiasm will be infectious! SEE YOU THERE!

Sincerely yours,  
Michael J. Bladon (President)

### DON'T FORGET!!

PLAN TO ATTEND THE SPORTS TURF ASSOCIATION

1st ANNUAL CONFERENCE

WEDNESDAY, MARCH 9, 1988

HARBOUR CASTLE WESTIN, TORONTO

FULL CONFERENCE OUTLINE — PAGE 3

### WELCOME!

#### To Our New Members

##### Toronto Parks & Recreation

Parks Division

City of Toronto

##### Doug MacMillan

Otto Pick & Sons Seeds Ltd.

Richmond Hill

##### Dick Raycroft

G.C. Duke Equipment Ltd.

Burlington

##### Ann Witteveen

Turf Care Products / Nutrite Inc.

Elmira

##### Bill Skerrett

Parks & Recreation

Saskatoon

##### Rod Hermitage

AG-Turf Chemicals Inc.

Kitchener

##### Wayne S. McCutcheon

University of Alberta

Edmonton

##### Scott Richmond

W.R. Hutcheson Sand & Gravel

Huntsville

##### James H. Boyce

Ottawa

##### Geoffrey Corlett

National Sewer Pipe Ltd.

Guelph

##### Charles K. Williams

Kelpmate Products Inc.

Concord

##### M. M. Mayne

Ontario Turf Equipment Co. Ltd.

London

##### Darrell Cerminara

McMaster University

Hamilton

##### Glenn B. Peister

McLean Peister Ltd.

Kitchener

##### M. K. Rittenhouse

M. K. Rittenhouse & Son Ltd.

St. Catharines

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# GUIDELINES FOR SPORT-FIELD MAINTENANCE WORK PLAN FOR: SOCCER

by: Ron Dubyk

ITEM	A	M	J	J	A	S	O	N	COMMENTS
Spring Clean-Up	X	X							— cleanup of winter debris — layout lines of play (use a transit)
Goal Posts	X	X					X	X	— installed prior to May 15 — remove after October 15 — repaint / repair during the winter
Goal Nets / Corner Flags		X	X	X	X	X	X		— check daily — repair / replace as required
Field Use		X	X	X	X	X	X		— by permit only May 15 - October 15 — play suspended due to inclement weather; determined by staff
Litter	X	X	X	X	X	X	X		— inspected daily for rocks, glass & other debris
Benches / Bleachers		X	X	X	X	X	X		— inspect daily, repair as necessary — repainted in the off season
Weedspraying	X	X					X		— use of 2-4D (Killex) as per recommended rates. Signs posted.
Insects / Disease			X	X	X	X			— as diagnosed.
Irrigation		X	X	X	X	X	X		— energize system & make necessary repairs by May. — winterize system in October — maintain equivalent of 1" of rainfall
Mowing		X	X	X	X	X	X		— mowing height of 1¾" — cut an average of 3 times every 2 weeks
Line Striping		X	X	X	X	X	X		— lines applied every week using white latex paint plus water (1:1 ratio) — Use Emabark every 2 months (add 2 oz. per 10 gal. of paint/water mix)
Aerating		X	X	X	X	X	X		— use of core type aerator, break up & redistribute cores (2 directions)
Soil testing							X		— end of season
Sod Repairs							X		— at end of season, usually goal mouth & centre field areas — snow fence for protection
Signage		X	X	X	X	X	X		— prepare in the off season — secure in visible and vandal proof area — inspect daily, when in use
Fencing		X	X	X	X	X	X		— maintain / repair as necessary
Lighting		X	X	X	X	X	X		— inspect DAILY — replace/repair as required
Topdressing		X	X	X	X	X	X		— drag mat in two directions — mixture depends on existing field soil, drainage, use, etc. — recommend higher sand proportions
Overseeding		X				X	X		— watch fertilizer ratio, use 15-30-15 @ 12kgN/ha (0.25 lbs/1000 sq. ft.) in each direction, when overseeding — use turf-type perennial ryegrass — spring seeding is recommended
Fertilizing	X	X	X	X	X	X			— based on annual soil samples — apply 25-5-10 @ 12kgN/ha (0.25 lbs.N/1000 sq. ft.) in each direction. At least ½ the nitrogen should be in slow release form — see 'Overseeding' for fertilizer rates during the overseeding operation
Documentation	X	X	X	X	X	X	X		— ongoing, daily recording of all of the above noted items!

NOTE: The above schedule represents only a guideline to be modified for each facility, as applicable. It should also be noted that the above maintenance programme represents a permitted facility, staffed on a seven day operational basis and a minor user fee is paid (not a full cost recovery). Should you require any further information or to have any additional comments or inquiries, please do not hesitate to contact the author at (416) 392-2550.

A guideline of field maintenance will appear in future issues for the following sports activities: rugby, field hockey, cricket and baseball.

# SPORTS TURF ASSOCIATION 1st ANNUAL CONFERENCE

## MARCH 9, 1988 — HARBOUR CASTLE WESTIN, TORONTO, ONTARIO

SESSION CHAIRMAN: MIKE BLADON

8:30 - 8:45	Opening Remarks & Introduction of STA Executive	
8:45 - 9:15	Keynote Speaker Dr. Clayton Switzer Deputy Minister of Agriculture	
9:15 - 10:15	Dr. Donald White University of Minnesota	Turfgrass varieties for athletic fields
10:15 - 10:30	Coffee Break (outside of room)	
10:30 - 11:30	Dr. James Watson The Toro Company Minneapolis, Minnesota	Emergency procedures for sports turf
11:30 - 1:15	Lunch (in Exhibit area)	

SESSION CHAIRMAN: RON DUBYK

1:30 - 2:15	Dr. Anthony Koski Ohio State University	Soil fertility for sports turf
2:15 - 3:00	Dr. J. Christopher Hall University of Guelph	Weed control of sports turf
3:00 - 3:20	Coffee Break (outside of room)	
3:20 - 3:45	Dr. James MacLachlan University of Guelph	Athletic injuries
3:45 - 4:30	Dr. John Harper Penn State University	Athletic field construction and guidelines
4:30 - 5:00	ANNUAL MEETING	

Audio Visual: John Watson

## 1987 TURFGRASS EXTENSION REPORT

by: Annette Anderson, Turf Extension Specialist, OMAF

1987 was the first year extension services were made available to the turfgrass industry by the Ontario Ministry of Agriculture and Food.

What exactly does a Turfgrass Extension Specialist do? This was a very frequent question this season! My function is to provide information and advice on the production and management of turfgrass to those persons in Ontario involved in the golf course industry, lawn care industry, sod producers, municipal parks and recreation departments, cemeteries and others in the commercial turf industry.

Relaying information to the industry is achieved through individual consultations, newsletters, magazine articles,

field days, meetings and conferences. Working closely with industry associations such as the Ontario Turf Research Foundation, the Canadian Golf Superintendent's Association, Nursery Sod Growers Association, Landscape Ontario and the Sports Turf Associations assists in keeping up to date with industry activities and areas where extension efforts may be needed.

Co-operation with research personnel in Ontario and elsewhere contributes to

being aware of the trials being conducted and possible practical applications of this research for the hands-on turf manager. In turn extension information may provide researchers with insight into problems encountered by turf managers and possible areas where future research may be needed. There are several diagnostic and analytical services available through OMAF to assist turf managers. I can assist with interpretations of these results as required.

SERVICE	LOCATION
1. SOIL TESTING no charge for basic test (N, P, K, Mg, pH); optional tests available Fee for home and garden samples	AGRI-FOOD LABS Unit 1 503 Imperial Road Guelph, Ontario N1H 6T9 (519) 837-1600

(cont'd on page 4)

<b>Turfgrass Extension Cont'd</b>	<b>LOCATION</b>
2. FOLIAR (Tissue) TESTING fee based on elements tested	AGRI-FOOD LABS
3. WATER TESTING fee based on elements tested	AGRI-FOOD LABS
4. PESTICIDE RESIDUE TESTING eg. atrazine residues	PROVINCIAL PESTICIDE LABORATORY Agricultural Lab Services OMAF Building 43, McGilvray St. c/o University of Guelph Guelph, Ontario N1G 2W1 (519) 824-4120 ext. 4825
5. PEST DIAGNOSTIC CLINIC fee disease diagnosis weed / insect / grass I.D.	UNIVERSITY OF GUELPH Ontario Agricultural College Dept. of Environmental Biology Pest Diagnostic & Advisory Clinic Guelph, Ontario N1G 2W1 (519) 824-4120 ext. 2700
6. SAND ANALYSIS (particle size) fee	UNIVERSITY OF GUELPH Dept. of Land Resource Science Guelph, Ontario N1G 2W1 (519) 824-4120 ext. 2494

Problems encountered by turf managers in 1987 were mainly caused by unusual weather conditions throughout the entire season.

Winter injury including ice damage and variable snow mold control occurred on many courses. Renovation in the spring was complicated by poor overseeding conditions and a shortage of bentgrass seed.

Weed control was a big concern for the lawn care industry. Poor spraying conditions and drought in the spring, resulted in reduced broadleaf weed control. Crabgrass control was a tremendous problem mainly due to timing of appli-

cation and warm weather conditions that reduced the residual of the control products.

Sod growers experienced poor germinations conditions in mid-summer resulting in uneven seedings and above average annual weed problems.

Insect problems were significant this year with grub type insects and chinch bug topping the list. Detection and control was difficult due to drought conditions and insect life cycles being approximately 2 weeks ahead of a normal year's development, making timing complicated.

## Argonaut's Smith injures his elbow

VANCOUVER (CP) — Toronto Argonauts wide receiver Jeff Smith suffered a nasty gash to his elbow after hitting the artificial turf during football practice Thursday at B.C. Place Stadium.

Smith sustained the injury making an acrobatic catch that drew applause from his teammates. The six-foot-four, 180-pound flanker spiked the ball in mock celebration but then left the field a minute later holding his elbow in pain as a team doctor examined the crescent-shaped gash.

"He made a diving catch out there. Somehow he hit his elbow and had a real bad gash," Argonaut head coach Bob O'Billovich said after practice. "I'll just have to wait and play it by ear until we see what it's like tomorrow (Friday)."

— reprinted from Kitchener-Waterloo Record, November 27, 1987

**DON'T FORGET TO ATTEND  
THE 1st ANNUAL MEETING  
& ELECTION OF OFFICERS  
4:30 - 5:00 P.M.**

## NOTICE

### DR. J. BEARD

WILL MAKE A SPECIAL  
15-MINUTE PRESENTATION ON  
GEOTEXTILE SYSTEMS  
AT THE  
1st ANNUAL CONFERENCE  
WED., MARCH 9, 1988  
FROM 1:15 - 1:30 P.M.

President Mike Bladon will be discussing the organization of the new Sports Turf Association:

- to the University of Saskatchewan the first week of February
- the Niagara Parks Commission School of Horticulture Alumni Association at their 41st Annual Conference
- at the Ontario Parks Association 3-day Conference at Humber College in March 1988.

### A Final Note:

We sincerely hope that you have enjoyed this issue of the Sports Turf Association Newsletter. We invite comments and suggestions for future articles from all of our members.

Write to the following address:

**Sports Turf Association  
185 Edinburgh Road South  
Guelph, Ontario  
N1G 2H8**

or Call  
Bruce Calhoun — 247-7875  
Ron Dubyk — 392-2550