

Keystone Athletic Field Managers Org. (KAFMO/STMA):
www.KAFMO.org.

Kentucky Sports Turf Managers Association: www.kystma.org.

Michigan Sports Turf Managers Association (MiSTMA):
www.mistma.org.

Minnesota Chapter STMA:
www.mstma.org.

MO-KAN Sports Turf Managers Association:
www.mokanstma.com.

New England STMA (NESTMA):
www.nestma.org.

Nebraska Sports Turf Managers Association: 402/441-4425.

North Florida STMA Chapter:
850/580-4026.

Northern California STMA:
www.norcalstma.org.

Ozarks STMA:
www.ozarksstma.org.

Sports Turf Managers of New York:
www.stmony.org.

Sports Field Managers Association of New Jersey: www.sfmanj.org.

Ohio Sports Turf Managers Association (OSTMA):
www.ostma.org.

Pacific Northwest Sports Turf Managers Association:
www.pnwstma.org.

Southern California Chapter:
www.socalstma.com.

South Carolina Chapter of STMA:
www.scstma.org.

Texas Sports Turf Managers Association: 866/897-8621.

Tennessee Valley Sports Turf Managers Association (TVSTMA):
www.tvstma.org.

Virginia Sports Turf Managers Association: www.vstma.org.

Wisconsin Sports Turf Managers Association: www.wstma.org.

Forming Chapters:

Gulf Coast Chapter:
225/757-9136

Nevada STMA Chapter:
702/433-3113.

Chapter Sponsors



YOUR PRE-GAME MVP.

Krylon® Industrial Line-Up® Stripping Paint.

- High Quality: Provides a one-coat stripe
- Universal Tip: Fits all stripping machines
- Color Selection: A wide range of options to match your team colors

For more information, visit <http://go.kpgind.info/a35>



KRYLON Krylon Products Group • Cleveland, OH 44115
Tel: 1-800-777-2966 • Fax: 1-800-243-3075
INDUSTRIAL www.KPG-Industrial.com
Fill in 151 on reader service form or visit <http://oners.hotims.com/13975-151>

THATCH MASTER TM-720



-Heavy Duty-
-Low Maintenance-

Turf Specialties, Inc.

Call for price, demo or CD
800-201-1031
www.turfspecialties.net

MARKETPLACE

GBS 1200 VERTICUTTER



belt driven both sides
offset mounting
48" cutting width

graden usa inc
7309 capehart road
richmond, va 23294
ph: 804 249 9950
fx: 804 249 9951
em: michael@gradenusa.com

CALL FOR YOUR FREE DEMO!

GRADEN
www.gradenusa.com

Fill in 121 on reader service form or visit <http://oners.hotims.com/13975-121>

LINE UP

Wash-Mark Painting System

Made of lightweight aluminum & FOLDABLE.
Self-aligning, 5 yard units.



ALuminum

4x6 in size, made of 1/8" aluminum
Offsets built-in for quick alignment
Three font types available

**The Only Painting System
You'll Ever Need.**

888-780-4441



Diversified Sports Specialties
www.DSSworks.com

Fill in 123 on reader service form or visit <http://oners.hotims.com/13975-123>

MAINTAIN YOUR FIELD



NewRider 2000

WITH **NEWSTRIPE**
EQUIPMENT

RIDE-ON STRIPERS • WALK BEHIND • AEROSOL

INFIELD GROOMERS, DRAGS & MATS

DRY LINERS & FIELD LAYOUT SYSTEMS

FIELD MARKING & MASCOT STENCILS

CALL TOLL FREE
1-800-624-6706
1700 Jasper St., #F • Aurora, CO 80011
www.newstripe.com

Fill in 125 on reader service form or visit <http://oners.hotims.com/13975-125>

**DIAMOND PRO
PROFESSIONAL
GROUNDSKEEPING
PRODUCTS**

diamondpro.com
800.228.2987

Fill in 122 on reader service form or visit <http://oners.hotims.com/13975-122>

ATHLETIC SURFACE

Red Warning Track Material
Red Infield Fines
Red Infield Conditioner
Red Diamond Absorb
Red Mound Packing Clay

Order in Bulk, Supersacks, or 50 lb. Bags

**Fuller Five
Landscape Supply**

TOLL FREE 888-749-2880 • PH 334-749-2880
P. O. Box 150, Cusseta, AL 36852
sales@rareredrock.com • www.fuller5.net

Fill in 124 on reader service form or visit <http://oners.hotims.com/13975-124>

FENCE GUARDS™

Fence Guards™ protective covers for chain link fencing are available in six colors—safety yellow, dark green, red, white, blue, and orange—and in premium, standard, and lite grades. These UV-resistant, polyethylene covers protect players from injuries and provide a distinctive look to your fencing.

Fence Guards™ come in cartons of ten 8-ft. sections and include UV-resistant ties for securing every 2 feet to fence.

Other styles also available, as well as: windscreens, wall padding and portable safety fencing.

800-247-2326
BEAM CLAY/PARTAC PEAT CORPORATION
www.FENCEGUARDS.com

Fill in 126 on reader service form or visit <http://oners.hotims.com/13975-126>



Relax, RTF Sod makes your job easier.



It's simple to have a field that looks this good. Self-repairing RTF Sod: Simply perfection!

- ▶ Self-repairing to fill bare spots
- ▶ Strong, deep root system
- ▶ Drought tolerant
- ▶ Excellent color and density

RTFsod.com

RTF is a registered trademark of Barenbrug USA. U.S. Patent No. 6,677,507

Fill in 127 on reader service form or visit <http://oners.hotims.com/13975-127>



GRACO FIELDLAZER / PAINT SALE!

SAVE \$1,045.00 ON OUR PAINT & MACHINE PACKAGE WITH THE PURCHASE OF:

- 16 PAILS OF OUR 77-30 OR 88-30 BRILLIANT WHITE PAINT
- * \$300.00 GRACO BUCKS REBATE
- * 16 PAILS OF PAINT
- * FIELDLAZER COST OF \$1795.00
- * FREE FREIGHT FOR ALL



#77-30KIT
\$2,514.20

OPTICALLY BRIGHT



#88-30KIT
\$2,674.20

PACKAGE PRICE GRACO FIELDLAZER & PAINT

THESE PAINTS ARE HIGH ENERGY FORMULATED FOR:
GREAT ATOMIZATION...SHARPER LINES...EASY MIX...
LESS SETTLING...LONGER SHELF LIFE...HIGH SOLIDS

AEROSOL FIELD PAINT

- Brightest White
- 12 Brilliant Colors
- Low VOC's
- Fits most machines

\$44.95 / 12 CAN CASE WHITE

FREE SHIPPING
COLORS \$48.95 / CASE
Call for QUANTITY PRICES



Custom Stencils

FREE LINE ART... LET US DESIGN YOUR FIELD

800-426-0774

MISSOURI TURF PAINT

SINCE 1947

Fill in 119 on reader service form or visit <http://oners.hotims.com/13975-119>

GMAX TESTING


Field hardness testing from the name that's been synonymous with sports turf testing for over 15 years!

Turf Diagnostics & Design

Contact Sam or Duane for all of your artificial and natural turf testing needs.

phone: 913-723-3700
fax: 913-723-3701
email: turfdiag@turfdiag.com
www.turfdiag.com

Fill in 129 on reader service form or visit <http://oners.hotims.com/13975-129>



SubAir


AERATION • MOISTURE & TEMPERATURE CONTROL FOR YOUR TURF

"There is no better way to healthy grass than through soil aeration and oxygenation. I absolutely love my SubAir system."

Russ Kurcab
CSFM Turf Manager
Denver Broncos
INVESCO Field at Mile High

SUBAIR SPORTS FIELD SYSTEMS allow for longer growing seasons, shorter rain delays, and faster turf recovery following special events, severe weather, and excessive use.

www.subairsystems.com
866.641.6663

 SubAir. TRUE BEAUTY LIES JUST BENEATH THE SURFACE


Fill in 128 on reader service form or visit <http://oners.hotims.com/13975-128>

Supreme-Green™ Turf Growth Cover

Supreme-Green is a multi-purpose turf growth cover made of a specially designed material to provide early green-up, accelerated germination and winter protection. The Supreme-Green cover encourages root development and rapid growth while extending your spring and fall seasons.

Supreme-Green turf growth cover is specifically engineered to promote earlier openings by 2-3 weeks.

- Reduces seed loss
- Promotes earlier root establishment
- Accelerates Germination
- Reduces frost and ice-damage
- Porous to allow water and air circulation
- Mildew and rot resistant
- Quick turf repairs



Specifications:

- Made of tough woven non-coated polyethylene material
- UV treated for long life
- Green tint for best heat build-up
- One piece construction
- Comes complete with anchor pegs and storage bag

279 Humberline Dr. Etobicoke, Ontario M9W 5T6
Phone: 1-800-837-8961
Fax: (416) 798-1342
E-mail: sales@coverttechfab.com
Website: www.coverttechfab.com

Fill in 155 on reader service form or visit <http://oners.hotims.com/13975-155>

ONLINE EDUCATION

BECOME A
**CERTIFIED
SUSTAINABLE
LANDSCAPER**



Visit
HortiGenomics.com

Demining resources and client demands have made Sustainable Landscapes extremely important. This valuable certification is a must for any industry professional.

GreenIndustryEducation.com
Your Continuing Education Oasis
877.964.6222

Fill in 120 on reader service form or visit <http://oners.hotims.com/13975-120>

SportsTurf

MANAGERS ASSOCIATION
Online Training

STMA Members - \$30 each
Non-members - \$50 each



Session OC01 - Schools K-12

Speaker 1 - Floyd Perry, Grounds Maintenance Services
Speaker 2 - Dr. Grady Miller, University of Florida
Speaker 3 - John Mascaro, Turf-Tec International
Speaker 4 - Dr. John Cisar, University of Florida

Session OC02 - Parks & Recreation

Speaker 1 - Preston Courtney, Disney Wide World of Sports
Speaker 2 - Floyd Perry, Grounds Maintenance Services
Speaker 3 - Bill Berry, City of Rock Hill
Speaker 4 - Richard Sanger, Sarasota County

Workshop OC03 - Developing A Master Plan

Speaker 1 - Francois Hebert, Consultant

Workshop OC04 - Building Athletic Fields

Speaker 1 - Dr. Chuck Darrah, CLC Labs
Speaker 2 - Boyd R. Montgomery II, The Toro Company
Speaker 3 - Mark Heinlein, The Motz Group

Workshop OC05 - Fertilizer

Speaker 1 - Brad Jakubowski, University of Nebraska
Speaker 2 - Dr. Tom Samples, University of Tennessee

Demonstration OC06 - Outdoor Demonstrations

Speaker 1 - Dr. Roch Gaussoin
Speaker 2 - Floyd Perry, Grounds Maintenance Services
Speaker 3 - Preston Courtney, Disney Wide World of Sports

For STMA Online Training information and registration, visit

GreenIndustryEducation.com
SportsTurf Managers Association (800) 323-3875

Fill in 118 on reader service form or visit <http://oners.hotims.com/13975-118>

WANT TO REACH QUALIFIED BUYERS?

- TARGETED LEADS
- SUPERIOR PENETRATION
- PROVEN VALUE
- OUTSTANDING RESULTS

Then rent our list of targeted, qualified readers for your next direct mail promotion.

Call today for more information regarding our product lines and extensive database marketing programs.

M2MEDIA
LIST RENTAL

Cheryl Naughton

cnaughton@m2media360.com

770-995-4964

Fax: 770-995-4983

U.S. Postal Service Statement of Ownership, Management and Circulation (Required by 39 U.S.C. 3685)

- Title of publication: SportsTurf
- Publication No. 0000-292
- Filing Date: September 20 2007
- Issue Frequency: Monthly
- No. of Issues Published Annually: 12
- Annual Subscription Price: Free to Qualified Subscribers
- Complete Mailing Address of Known Office of Publication: M2MEDIA360, 760 Market St. Suite 432, San Francisco, CA 94102
Contact person: Joanne Juda-Prainito, 630-543-0552
- Complete Mailing Address of Headquarters or General Business Offices of Publisher: M2MEDIA360, 5600 N. River Road, Suite 432, Rosemont, IL 60018
- Full Names and Complete Mailing Addresses of Publisher and Editor: Group Publisher: Douglas Hebbard, M2MEDIA360, 5600 N. River Road, Suite 432, Rosemont, IL 60018
Editor: Eric Schroder, M2MEDIA360, 5600 N. River Road, Suite 432, Rosemont, IL 60018
- Owner: Bev-AI Communications, dba M2MEDIA360, 760 Market St. Suite 432, San Francisco, CA 94102
- Known Bondholders, Mortgagees, and Other Security Holders Owning or Holding 1 Percent or More of Total Amount of Bonds, Mortgages, or Other Securities: None
- Has Not Changed During Preceding 12 Months
- Publication Name: SportsTurf
- Issue Date for Circulation Data Below: September 2007
- Extent and Nature of Circulation:

	Actual No. Copies Each Issue During Preceding 12 Months	Actual No. Copies of Single Issue Published Nearest to Filing Date
a. Total No. of Copies (net press run)	26,158	25,915
b. Legitimate Paid and/or Requested Distribution		
(1) Individual Paid/Requested Mail Subscriptions Stated on PS Form 3541	21,050	20,874
(2) Copies Requested by Employers for Distribution to Employees by Name or Position Stated on PS Form 3541	534	386
(3) Sales Through Dealers and Carriers, Street Vendors, Counter Sales, and Other Paid or Requested Distribution Outside USPS*	-	-
(4) Requested Copies Distributed by Other Mail Classes Through the USPS (e.g. First-Class Mail®)	-	-
c. Total Paid and/or Requested Circulation	21,584	21,260
d. Nonrequested Distribution	-	-
(1) Nonrequested Copies Stated on PS Form 3541	4,000	4,176
(2) Nonrequested Copies Distributed Through the USPS by Other Classes of Mail	-	-
(3) Nonrequested Copies Distributed Outside the Mail	92	-
e. Total Nonrequested Distribution (Sum of 15d (1), (2), and (3))	4,092	4,176
f. Total Free Distribution (Sum of 15d (1) and 15e)	25,676	25,436
g. Copies Not Distributed	482	479
h. Total (Sum of 15f and g)	26,158	25,915
i. Percent Paid and/or Requested Circulation (15c divided by f times 100)	84.06%	83.58%

- Publication of Statement of Ownership: Publication required will be printed in the November 2007 issue of this publication.
- Signature and Title of Editor, Publisher, Business Manager, or Owner: Joanne Juda-Prainito, VP Circulation and Collateral Services, 09.20.07



Advertisers' Index/Reader Service Information

Three fast and easy ways to get additional information on products and services in this issue:

1. Visit the Web address next to the advertiser's name for the ad in this issue.
2. Go to sportsturf.hotims.com to search for products by category or company name. Plus, link directly to advertisers' Web sites, or request information via e-mail or by fax.
3. Complete the reader service information below. Write in the reader service number from the product or circle advertiser from the index, copy, and fax to (416) 620-9790 or mail to SportsTurf, PO Box 5167, Buffalo, NY 14205-5167.

Please write the reader service number for **FREE product information** in the boxes above. If this is not your copy of ST, please go to www.submag.com/sub/tf to sign up for a **FREE one year subscription** of your own.

SportsTurf ADVERTISERS' INDEX

Advertiser	Web Address	Fill in #	Page #
Aerway/Holland Equipment	http://www.oners.hotims.com/13975-139	139	33
Airfield Systems	http://www.oners.hotims.com/13975-152	152	36
BLEC USA	http://www.oners.hotims.com/13975-141	141	37
Bobcat Company	http://www.oners.hotims.com/13975-115	115	15
Carolina Green Corp.	http://www.oners.hotims.com/13975-138	138	31 (regional)
Covermaster	http://www.oners.hotims.com/13975-132	132	21
Covertch	http://www.oners.hotims.com/13975-155	155	43
Diamond Pro	http://www.oners.hotims.com/13975-122	122	42
Diversified Sports Specialties	http://www.oners.hotims.com/13975-123	123	42
Ewing Irrigation	http://www.oners.hotims.com/13975-117	117	19 (regional)
Fuller Five Landscape Supply	http://www.oners.hotims.com/13975-124	124	42
Graco	http://www.oners.hotims.com/13975-114	114	13
Graden USA	http://www.oners.hotims.com/13975-121	121	42
Green Industry Education	http://www.oners.hotims.com/13975-118,120	118,120	44
GreensGroomer	http://www.oners.hotims.com/13975-131	131	11
GreenOne	http://www.oners.hotims.com/13975-143	143	39
Horizon Turf	http://www.oners.hotims.com/13975-137	137	31 (regional)
Jacobsen	http://www.oners.hotims.com/13975-156	156	48
KRain	http://www.oners.hotims.com/13975-111	111	3
Kifco Irrigation	http://www.oners.hotims.com/13975-142	142	39
Krylon Products	http://www.oners.hotims.com/13975-151	151	41
Laser Leveling	http://www.oners.hotims.com/13975-113	113	9
Missouri Turf Paint	http://www.oners.hotims.com/13975-119	119	43
Newstripe	http://www.oners.hotims.com/13975-125	125	42
Par Aide Products	http://www.oners.hotims.com/13975-150	150	34
Partac Peat/Beam Clay	http://www.oners.hotims.com/13975-126	126	42
Pioneer Athletics	http://www.oners.hotims.com/13975-134	134	25
Ring Industries	http://www.oners.hotims.com/13975-112	112	5
RTF Turf Producers Association	http://www.oners.hotims.com/13975-127	127	43
Southern Athletic Fields	http://www.oners.hotims.com/13975-153	153	36
Sports Turf Managers Association	http://www.oners.hotims.com/13975-158	158	19 (regional)
Sports Turf Managers Association Conference	http://www.oners.hotims.com/13975-116	116	17
Stabilizer Solutions	http://www.oners.hotims.com/13975-135	135	27
SubAir Systems	http://www.oners.hotims.com/13975-128	128	43
The Toro Company	http://www.oners.hotims.com/13975-110	110	2
Trisport	http://www.oners.hotims.com/13975-136	136	29
Turf Diagnostics & Design	http://www.oners.hotims.com/13975-129	129	43
Turf Specialties	http://www.oners.hotims.com/13975-130	130	41
TYCROP	http://www.oners.hotims.com/13975-140	140	37
Varicore Technologies	http://www.oners.hotims.com/13975-157	157	47
World Class Athletic Surfaces	http://www.oners.hotims.com/13975-133	133	23

Please complete this form in its entirety to receive your product information.

1. What is your company's primary business? (check ONLY ONE)
 - F Sports Complex
 - G Athletic Field and/or Park Architect/Designer
 - T School, College or University
 - P Park
 - H Other (please specify) _____
2. Which of the following best describes your title? (check ONLY ONE)
 - A EXECUTIVE/ADMINISTRATOR — President, Owner, Partner, Director, General Manager, Chairman of the Board, Purchasing Agent, Athletic Director
 - B MANAGER/SUPERINTENDENT — Superintendent, Landscape/Ground Maintenance Manager, Foreman, Supervisor
 - C GOVERNMENT OFFICIAL — Government Commissioner, Agent, Other Government Official
 - D SPECIALIST — Architect, Designer, Consultant, Agronomist, Horticulturist, Certified Specialist
 - F COACH
 - E Other (please specify) _____
3. Do you have the authority to buy, specify or recommend products and/or services for your business or organization?
 - Y Yes
 - N No
4. Yearly operating expenditures (excluding salaries)
 - F Over \$1 million
 - C \$50,001 - \$100,000
 - E \$500,001 - \$1 million
 - B \$25,001 - \$50,000
 - D \$100,001 - \$500,000
 - A \$25,000 and under
5. Please also send a free subscription to the following people at the same location
 - Name _____ Title _____
 - Name _____ Title _____

Yes, Please start/continue my subscription to SportsTurf

No, thank you.

Signature: (required) _____ Date: _____

Name: (please print) _____

Title: _____

Company: _____

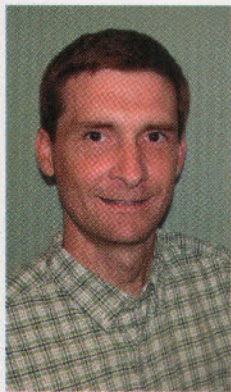
Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email: (required) _____

Attack of the earthworms



BY DR. GRADY MILLER

Professor, North Carolina State University

Questions? Send them to Grady Miller at North Carolina State University, Box 7620, Raleigh, NC 27695-7620, or email grady_miller@ncsu.edu

Or, send your question to David Minner at Iowa State University, 106 Horticulture Hall, Ames, IA 50011 or email dminner@iastate.edu.

I am in charge of our fields at the high school. We have a major problem with earthworms on the football field. It looks terrible; we have all these pits in the soil and a weak root system from the burrowing. Our insecticide program has included Turcam, Seven, and Merit. I have not seen any recovery in 6 years. The field looks good until the end of July/first of August and it's downhill from there.

— South Carolina

This is a fairly common question that does not have a simple answer. There are no labeled insecticides for the control of earthworms. Earthworms are considered to be highly beneficial to the soil ecosystem, although they can be a major nuisance to turf managers.

The small mounds found on the soil surface are called castings. These are soil and fecal matter deposits made by the earthworm when they emerge from their burrows. Moderate earthworm activity often results in excessively soft ground, root desiccation, and turf thinning. The castings can get so bad that closely mown turf can begin to look like tilled ground. It sounds like this is what you are experiencing in late summer.

One study estimates there can be a million earthworms in one acre of land. One mature earthworm can produce several hundred offspring per year and their average lifespan is 6 to 9 years. While feeding on organic matter, they may bring 20 to 25 tons of soil per acre to the surface each year. They are nature's way of aerating soil.

Earthworms can be found in about any soil, although they are less commonly found in sandy soils. They need organic matter as a food source and prefer soils with a pH near neutral. They are most active in moist soils. These are conditions commonly found on athletic fields. Earthworms may retreat deeper into the soil when there is a drought or under frost conditions, only to return when conditions are more favorable.

I noted the insecticides that you have applied to your fields. As I mentioned earlier, there are no pesticides registered for controlling earthworms. Observations have indicated that insecticides carbaryl (Seven) and imidacloprid (Merit) are toxic to the creepy crawlers. In addition the fungicide thiophanate-methyl (several product examples including Cleary's 3336, LESCO's Cavalier, Regal's Systec, etc.) was shown in some tests to provide control. If these products are used in your maintenance program for registered uses, a level of earthworm control may be an added benefit.

You questioned insecticide application timing. I have not seen any data that indicate there is a benefit to certain appli-

cation timing, but I would predict that using these products in your IPM program should include applying them when there is adequate soil moisture present and then watering them into the soil. This is typical application for insects that live in the thatch or upper layer of soil.

Because there are no labeled pesticide controls, several researchers have concentrated on cultural ways of reducing the earthworm castings. There is evidence that they do not like a lower soil pH. The most effective way to lower soil pH is with elemental sulfur. I would not recommend using elemental sulfur unless it is needed as a soil treatment (rather than using it as a pest treatment). If your soil pH is presently in a desirable range for turf growth but you want to try cultural control of earthworms with acidity, then regular use of ammonium sulfate fertilizer may provide some benefit without significant change in soil pH.

Other treatments that have shown to be beneficial in some cases include using angular sand or zeolite soil amendment as a topdressing. Many field managers use sand topdressing as part of their normal cultural practices so you may already know if this activity can benefit you.

If you have compacted soils and excessive thatch, earthworms may actually improve your field. Their burrowing can alleviate soil compaction, initiate thatch decomposition, stimulate microbial activity, and increase plant nutrient availability.

Lastly, my advice would be to practice good cultural practices for growing healthy turf. I suggest using a reasonable fertilizer program to promote turf recovery, followed by a core aeration when the worms are at their worst. If the soil is excessively loose, rolling the field surface can squash their castings and firm the soil around the turfgrass roots to prevent desiccation. ■



The Drainage Times

Charting the latest in drainage technology

EXTRA! EXTRA! EXTRA! EXTRA! EXTRA! EXTRA! EXTRA!



DRAINAGE SYSTEMS DYING!!!

It has been called to the attention of national press, that drainage systems worldwide, have been failing in unprecedented numbers. Once thought to be the best, time is proving otherwise. Officials urge drainage users to remain calm...as solutions to this problem are readily available.

EXTRA! EXTRA! EXTRA! EXTRA! EXTRA! EXTRA! EXTRA!

**IF YOUR SYSTEM
USED THESE
PRODUCTS...**



**IT IS AT
RISK OF
FAILURE!**

What Are Your Options?

Users looking for a drainage system that actually works, when and how it needs to, are being referred to a "miracle" product, that isn't actually new. **Multi-Flow** has been used in the professional athletic, golf and civil markets for years. It is a drainage system that has been proven to provide long term results. Not only that, but in most applications, a **Multi-Flow** system will cost up

30% less than outdated and old fashioned "drainage systems". Why have these inadequate systems been used for so long?

The world may never know.



Technical Assistance | Complimentary Design & Layout | Project Planning

Varicore Technologies, Inc. | 800-978-8007 | service@varicore.com

www.varicore.com

Multi-Flow
Professional Drainage Systems

Fill in 157 on reader service form or visit <http://oners.hotims.com/13975-157>