

quite literally as close as the curb. Efficient water conveyance systems of grey infrastructure result in dirty flushes of water runoff and ambient heat pollution radiating from our asphalt and concrete jungles. From a bird's eye view, the face of urban areas appears pockmarked from grey infrastructure.

Today, nonpoint source pollution remains the largest contributor to America's water quality and quantity problems. It is the biggest single reason that 40% of our surveyed rivers, lakes and estuaries are not clean enough to meet basic uses, such as fishing or swimming, says the U.S. EPA. Urban and rural flooding events are increased by runoff from traditional engineering and storm water management.

Parks and private landscapes may have innovative irrigation systems, top-of-the-line construction materials and maintenance techniques, but the greater opportunity is to



- 1 Permeable pavers 2 Catch basin in street curb 3 Crushed Granite Infiltration trench & 12" diameter perforated pipe
- 4 Structural soil 5 Infiltrating soil 6 Impervious PVC barrier

add increased function and value through the introduction of rain water management and low impact design (LID) techniques. Commercial, industrial and residential green spaces can be transitioned into multi-functional landscapes through water management indicators.

#### Water: A tool to add value

Circling back to the opening question, "What the devil does all this "greening" mean for water? A simple answer is: "Greening" through water management in multi-functional landscapes adds value and functionality for our clients and the environment.

The perspective of traditional landscapes is changed by using water as a tool to allow landscapes to be used for multiple purposes. New products and tested practices now provide the Green Industry feasible economic and environmental solutions for new construction and re-development. Water-related technologies increase the capability for landscape and lawn care professionals to transition applicable green spaces from single serving to multi-functional.

We will find that it's easier for a customer to pull the trigger on projects that have double value on any dollar invested in multi-functional landscapes for water management. Water always wins, regardless of the odds. It's time to work with water to capitalize on the sustainability marketplace niche.

APFELBACHER is Product Manager at 3BIDS, a Sustologist at Sustology and Director of Development at Minnesota Green Roof Council. Contact him at mapfelbacher@gmail.com.

# Life without awns

Faced with an uncertain water future. California water agencies are using cash to entice homeowners to remove their turfgrass lawns.

BY RON HALL FDITOR-AT-I ARGE

OR 30 YEARS, and until the recent economic slowdown, California's Inland Empire (IE) was one of the fastest growing regions in the U.S. Comprised of portions of Riverside and San Bernardino Counties, its population ballooned from 1.55 million to 4.1 million between 1980 and 2008, including a 23% increase over the last decade. While growth has slowed since 2008, it's generally believed that robust growth will eventually return.

This vast, arid region of Southern California, at 27,000 square miles and approximately two-thirds the size of the state of Connecticut, is located 30 miles northeast of Los Angeles. Surrounded by rolling hills and mountains, it has just about everything one could desire in terms of a modern American lifestyle including year-round sunshine, modern infrastructure and plenty of recreational

opportunities. However, with all of these aforementioned amenities, the IE lacks one major core component in maintaining its enviable way of life and necessary for future growth and development. It faces an uncertain water future.

The region receives 11 in. to 15 in. of precipitation and rain annually, depending on geography, and available ground and surface water is not reliable enough to sustain its many bustling communities or allow future growth. Most IE communities supplement the water they draw from underground aquifers or nearby streams with imported water provided by the half-century-old State Water Project that brings water south through the San Joaquin Valley Delta. This is an expensive proposition, The transportation and delivery of this water (each gallon weighs 8.3 lbs.) to the Southern California area consumes

an incredible amount of energy. The State uses an estimated 19% of its available energy treating and transporting water.

The relative scarcity of regional water sources and the expense of providing outside water to this vibrant region of California will almost

certainly mean the downsizing of irrigated lawns and more landscaping with synthetic turf and native plants. Water agencies in the IE have been experimenting with ways to entice homeowners to replace their lawns with low water using plants that will remain healthy, or with synthetic turf or hardscapes. And, for the most part, these programs have been well received and successful, especially when coupled

#### CRITERIA FOR SELECTION

- Agree to pre- and post-site
- No restrictions in plant type or site coverage
- No irrigation modification
- Must install permeable surfaces
- No reinstallation of cool-season turfgrass



with financial incentives. This is an increasingly common strategy by water authorities throughout the arid U.S. Southwest.

Lisa Morgan-Perales, Water Resources Analyst II, IEUA, describes a 19-month project by the Inland Empire Utilities Agency (IEUA) to evaluate the public's interest in replacing turfgrass with low-water-use plants and surfaces. She says the

program was patterned after similar programs implemented by the Southern Nevada Water Agency and the Crescenta Valley Water District.

BEFORE

The IEUA is a regional wholesale water supplier and wastewater treatment provider serving eight retail water agency members – the cities of Chino, Chino Hills, Ontario, Upland and the Cucamonga Water District, Fontana Water Company, Monte Vista Wager District and the San Antonio Water Company.

The IEUA began developing the program in the spring of 2007 and launched it in December of the same year. It ran for 19 months, concluding in July 2009. Initially the program had been budgeted with \$50,000 to convert 30 residential landscapes, A year after its initiation it received additional funding expanding the budget to \$240,620 to cover the expense of 136 residential conversions. Participants were paid \$2 a sq. ft. per conversion with a minimum

of 400 sq. ft. being converted. The maximum allowable rebate per property was \$2,000 or 1,000 sq. ft. removed.

Once a member agency received an application to be included in the project from a homeowner to be a part of the project, the agency did a pre-site inspection that included photographing the site. At the conclusion of the Program, the member agencies conducted post-site inspections of the participating properties, again photographing the sites to document the changes, and sent the information to the IEUA for final review and payment to the participants.

Morgan-Perales says the project resulted in 186,446 sq. ft. of turfgrass being replaced with low-water-use plants and approximately 28,320 sq. ft. of artificial turf and other low-water-using surfaces on homeowners' properties. This resulted in an estimated water savings of 26 acre feet per year. An acre foot of water is the amount of water it takes to cover an acre of flat land with a foot of water —325,851 U.S.gallons.

In assessing the project, Morgan-Perales describes how the converted properties were classified, using subjective visual criteria, into three categories:

Models of Success, 61 properties, landscape design contains a high percentage of plant coverage or a mixture of plant and non-permeable materials Water authorities in the U.S. Southwest are promoting smaller areas of maintained turfgrass on residential properties as evicenced by this conversion in Montclair, CA.

**AFTER** 

➤ Alternative Landscapes, 23 properties, landscape design contains a higher percentage of "other" plant (non-native plant) coverage and may container a higher percentage of hardscape
➤ Made the Grade, 52 conversions, Landscape design contains a high percentage of permeable paving surfaces with minimal plant coverage.

Morgan-Perales says analysis of the results of the project suggested similarly focused future turf removal projects require each applicant to submit a mandatory site plan with live plants covering a minimum percentage of the design, require that participants modify their irrigation systems and require that eligible project areas include the front yard.

Beyond that, the IEUA would like to develop and circulate a "recommended plant/materials list" and increase the maximum conversion area while lowering the rebate amount, she says.

All in all, the project that ended in July 2009 was positive on several fronts, she adds, including building the IEUA's recognition and strengthening customer relations between agency staff and the public.

#### **IN THE PROGRAM**

- > Encouraged to install low-waterconsuming plant materials
- Encouraged to modify existing irrigation with drip or subsurface irrigation technologies
- Maintain converted landscaping for five years
- Agree to water usage monitoring for five years





# Through innovative product development, Rain Bird is helping sustain healthier landscapes—and a healthier planet.

A lush lawn or colorful garden can also be highly water-efficient. Every Rain Bird product is a testament to that truth. From water-saving nozzles to sprays with pressure-regulating stems to leading-edge Smart Control Technology, Rain Bird products make the most of every drop, delivering superior results with less water. Keeping the world and your backyard beautiful. That's The Intelligent Use of Water.™





# **THANKS FOR FIRST-AND-ONLYS**

By John A. A. Thomson, Ph.D., D.A.



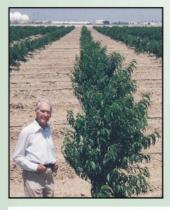


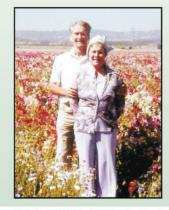




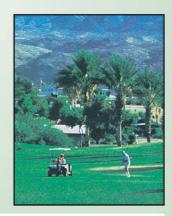
World's Fair Science & Industry Gold Medal • Chemist winning Lifetime Acheivement Award, LGMDA • Lifetime Environmental Awareness Award, SEE • Typical 100%, 2100 cherry trees, L.A. parks

- 1. Science and Industry gold medal, World's Fair 1940, San Francisco.
- 2. Chemist to win Lifetime Achievement Award, Lawn and Garden Marketing and Distribution Association.
- 3. Lifetime Environmental Awareness Award, Sustainable Environmental Education.
- 4. Unchallenged 70 years five-way guaranteed offer.
- Unclaimed refund to established business or governmental agency after using gallon if purchase regretted.
- 6. "SUPERthrive" is the ultimate application of plant physiology," stated tough-plant physiologist past head of U.S. Algorithm and Ohio State nursery program.
- 7. Hall of Fame nursery retailer.
- 8. All-around best improver of horticulture and crops, standard winner-generator.
- 9. Called "World's Best Product" by many leaders.









Typical "twice as tall, full, green, healthy" trees, 80 Cal. Acres • Typical seed production, Lompoc, Cal. • Gallon SUPERthrive® • 100% vs. 0%, pre-planted desert city, Havasu, AZ

#### **MOUSE-EAR CHICKWEED**

Cerastium vulgatum

#### **IDENTIFICATION TIPS**

- This spreading, matforming perennial prominently features hairy, prostrate stems.
- Its small white flowers have five notched petals that bloom in late spring.
- > Leaves are noticeably hairy or fuzzy, long and narrow, and grow opposite; like the weed's common name, they resemble mouse ears.
- > Commonly found in lawns, pastures and cultivated fields, mouseear chickweed spreads by seed, but can root at the nodes.

#### **CONTROL TIPS**

- > Preventive practices can discourage infestation. Improve soil drainage and decrease shade if possible.
- > Nitrogen fertility, liming and aeration will encourage a dense stand of turf, minimizing potential for mouse-ear chickweed establishment.
- > Apply a pre-emergent broadleaf herbicide such as isoxaben prior to germination.



#### **ANNUAL BLUEGRASS**

Poa annua

#### **IDENTIFICATION TIPS**

- > This erect, or clumpforming, annual grass tolerates close mowing.
- It is light green in color, especially compared to the dark green of related turfgrasses.
- > Leaves are keeled, and feature a distinctive boatshaped tip.
- > Once soil temperatures fall below 70° Fahrenheit, germination of *Poa annua* will begin.
- \* State restrictions on the sale and use of Dimension apply.

#### **CONTROL TIPS**

- > Develop a dense, healthy turf to reduce sunlight at the soil surface.
- > Keep soil phosphorous levels in the low-to-medium range.
- > Cultural practices can reduce *Poa annua*, but herbicides are needed for superior control.
- > Poa annua produces most of its seedheads in the spring. Apply a pre-emergent grass herbicide, such as dithiopyr, prior to germination of seedlings.

For more information regarding these and other turf weeds — and related control technologies and tips — please visit www.DowProvesIt.com or call 800/255-3726.





## It takes courage to admit there's a problem.

Meet Frank. He's got what you'd call a "problem" with hand-weeding. Fortunately, there's Dimension®, Gallery® and Snapshot® specialty herbicides from Dow AgroSciences. They give Frank the kind of group therapy he really needs by delivering serious control of the toughest weeds in lawn and landscape settings. So go ahead and skip the awkward meetings. Come learn more about the portfolio of products proven to help kick the hand-weeding habit at DowProvesIt.com.

#### www.DowProvesIt.com 800-255-3726

\*Trademark of Dow AgroSciences LLC. State restrictions on the sale and use of Dimension specialty herbicide products and Snapshot apply. Consult the label before purchase or use for full details. Always read and follow label directions. \*The swinging golfer logo is a registered trademark of PGA TOUR, Inc. ©2010 Dow AgroSciences LLC T38-000-018 (2/10) BR 010-60665 DATOTURF9072



#### **CLASSIFIED**SHOWCASE

#### **ADVERTISING INFORMATION**

Call Kelli Velasquez at 216-706-3767, Fax: 253-484-3080, E-mail: kvelasquez@questex.com



Payment must be received by the classified closing date. We accept Visa, MasterCard, and American Express.

#### Mail LM Box # replies to:

Landscape Management Classifieds, LM Box # 306 W. Michigan St., Suite 200 Duluth, MN 55802 (please include LM Box # in address)

Every month the Classified Showcase offers an up-todate section of the products and services you're looking for. Don't miss an issue!

#### **BUSINESS OPPORTUNITIES**



FREE DVD & TRAINING

Two NEW Profit Centers - 50%+ Two NEW Revenue Streams Two NEW Customer Bases A Simple, Easy Add-On Service Buy Factory Direct - Wholesale NO PAYMENTS & INTEREST for 90 days

**We FUND Your Installs** 

1-800-334-9005 www.allprogreens.com/training



Two NEW Profit Centers - 50%+ Two NEW Revenue Streams Two NEW Customer Bases A Simple, Easy Add-On Service **Buy Factory Direct - Wholesale** NO PAYMENTS & INTEREST FOR TO DAYS

We FUND Your Installs 1-800-334-9005

www.allprogreens.com/training

# Incorporate

for as little as \$99

Visit www.incorporate.com or call 800-616-0216

> COMPANY CORPORATION

INCORPORATING WHAT'S RIGHT FOR YOU



#### WANT TO BUY OR SELL A BUSINESS?

**Professional Business** Consultants can obtain purchase

offers from numerous qualified potential buyers without disclosing your identity. There is no cost for this as Consultant's fee is paid by the buyer. This is a *FREE APPRAISAL* of your business.

If you are looking to grow or diversify through acquisition, we have companies available in Lawn Care, Grounds Maintenance, Pest Control and Landscape Installation all over the U.S. and Canada.

182 Homestead Avenue, Rehoboth, MA 02769

708-744-6715 • Fax 508-252-4447 E-mail pbcmello1@aol.com



## Dig up some new customers.

Advertise in Landscape Management.

Contact Kelli Velasquez to reserve your ad space today! 216-706-3767 or kvelasquez@questex.com



#### Snow, Lot Sweeping, & Landscape Contracts

Join the affiliation that works for YOU. Contractors needed throughout the US. Sign up today www.agmgus.com.

EXPERIENCE THE AGMG DIFFERENCE.

#### **HELP WANTED**

#### FLORASEARCH, INC.

In our third decade of performing confidential key employee searches for the landscape/horticulture industry and allied trades worldwide. Retained basis only. Candidate contact welcome, confidential and always FREE. 1740 Lake Markham Road Sanford, FL 32771 407-320-8177 • Fax: 407-320-8083

E-mail: search@florasearch.com www.florasearch.com

# Did you know?

All Landscape Management classifieds are posted online.

landscapemanagement.net

### **CLASSIFIED SHOWCASE**

#### **PROPERTY FOR SALE**

#### WESTERN NORTH CAROLINA:

5+ level acres,

located one mile from E/W interstate access; 40 miles from N/S interstate access. Highway frontage, front & back entrances. Over 3000 sq. ft. heated office & work or retail space (security & internet wired) in Morton building; 1100 sq. ft. heated shop space with office in block building, open-sided structure with 6 bays plus storage; small pond; 1000 gal. gas tank with pump, 2 diesel tanks.

Please call 828-698-0073 or email abr3@morrisbb.net for more information.

#### **SOFTWARE**



# Now is the **Time**



to Place your ad in the next issue of

# **Landscape** Management

<b>Upcoming Ad Closing Dates:</b>	
February	12/30/09
March	1/28/10
April	3/7/10
May	4/12/10
June	5/3/10
July	6/3/10

**Contact Kelli Velasquez:** 216-706-3767 or kvelasquez@questex.com

#### RESOURCES

#### **AD INDEX**

18
13
19
12
cv3
4, 37
21
15
6
brc, 17
16
8, cv4

LT Rich	9
Mistaway Systems	14
Pine Hall Brick	39
Pro-Tech Mfg	22
Progressive Insurance	11
Rainbird	1, 7, 24-34
Reddick Equipment	22
SIMA	20
Subaru	2
Turfco Mfg	cv2
U.S. Lawns	3
Vitamin Institute	35
Walker Mfg	5

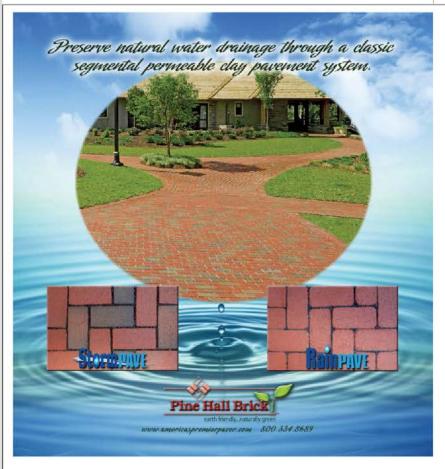
Indices are provided as an additional service. The publisher does not assume any liability for errors or omissions.

LANDSCAPE MANAGEMENT (ISSN 0894-1254) is published monthly (12 issues per year) by Questex Media Group LLC, 306 W Michigan St, Suite 200, Duluth, MN 55802.

Subscription rates: one year, \$54, two years \$76 in the United States & Possessions; \$57 for one year, \$127 for two years in Canada and Mexico; all other countries \$165 for one year, \$246 for two years. For airmail delivery, include an additional \$75 per order annually. Single copies (pre-paid only): \$38 in the United States; \$10 in Canada and Mexico; \$38 ill other countries. Back issues, if a viaelables: \$16 in the U.S.; \$25 in Canada and Mexico; \$38 ill other countries. Add \$5.50 per order for shipping and handling. Periodicals postage paid at Duluth, MN 55906 and additional mailing offices. POSTMASTER: Please and address changes to Landscape Management, P.O. 800 to \$10,000 to Posses. Canada and Mexico; \$38 ill other countries. Add \$5.50 per order for shipping and handling. Periodicals postage paid at Duluth, MN 55906 and additional mailing offices. POSTMASTER: Please end address changes to Landscape Management, P.O. 800 to \$10,000 to Posses. Posses (property of the States) and the publisher. Authorized by photocopy, recording, or information storage and retrieval system, without permission in writing from the publisher. Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by Questex Media Group LLC for libraries and other users registered with the Copyright Clearance Center, 222 Rosewood Dr., Danvers, MA 01923 phone: 378-750-4800 fax 978-750-4470; call for copyring beyond that permitted by Sections 107 or 180 of the U.S. Copyright Law. For those not registered with the CCC, send permission requests to questexpermissions@theygsgroup.com or phone 800-484-9051 ext. 100.

to questexpermissions@theygsgroup.com or phone 800-494-9051 ext. 100. Landscape Management does not verify any claims or other information appearing in any of the advertisements contained in the publication, and cannot take any responsibility for any losses or other damages incurred by readers in reliance on such content. Landscape Management velcomes usoolicited articles, manuscripts, photographical listrations and other materials but cannot be held responsible for their safekeping or return. Questex Media Group LLC provides certain customer contact data (such as customers' names, addresses, phone numbers and e-mail addresses) to hitip darties who they promote relevant products, services and other opportunities which may be of interest to you. If you do not want Questex Media Group LLC to make your contact information available to third parties who for marketing purposes, simply call 886-344-1158, 847-728-9994 if outside the U.S. between the hours of 8:30 am and 5:00 pm CT and a customer service representative will assist you in removing your name from Questex Media Group LLC's lists.





#### **MYBIGGESTMISTAKE**

LESSONS LEARNED THE HARD WAY >>> BY CASEY PAYTON



Joel Korte's business was strong but depended heavily on only a few major accounts. When he lost one of them - and 30% of his business with it - he realized an important lesson.





Joel Korte

**OWNER:** Joel Korte (now division vice president for Brickman)

#### COMPANY:

Urban Environments, Inc. (part of Brickman today)

#### HEADQUARTERS:

Columbus, OH

2001 REVENUE: \$6 million to \$7 million (Urban Environments)

2009 REVENUE: \$687 million (Brickman)

#### WEB:

www.brickmangroup.com

**BEST ADVICE**: Never let one client pose too much risk to your business and, as owner, try not to be the only one with the job of selling work and growing the business.

N 2001, BUSINESS was not only strong and stable but growing for Joel Korte, then-owner of Urban Environments, Inc., in Columbus. OH (Korte has since sold his business to Brickman, and is now a divisional vice president at the \$667 million company).

"I was about a \$6-million or \$7-million company at the time, and the business had largely grown with me being the primary salesperson, something not uncommon for this industry," explains Korte. "I'd built relationships with a number of commercial developers in our market. And as long as we continued to do good quality work and remain competitively priced, these developers continued to give us business and, as a result, help us grow our company."

Among Urban Environment's largest clients was a national developer that had offices in not only Columbus but multiple other cities across the country. Urban Environments did about 75% to 85% of that firm's local work in Columbus, making it a big account for Korte. In fact, that account alone brought in 30% of his overall revenue. Everything was going great until Korte had what he says was a big "wake-up call."

"A large national landscape company ended up pursuing this developer on a national basis and the developer made a deal for that landscape company to manage all of its markets," he recalls. "It wasn't something I could even compete with. The deal was that the landscape company took over the work in all of the developer's cities."

Overnight Korte had lost 30% of his revenue — just like that. "What a wake-up call!" he remembers. "I had to ask myself, 'How did I allow one client to become this big of an exposure to my business and not protect myself?' I may not have had all of my eggs in one basket, but I certainly had more eggs in one basket than I should have had."

But Korte says this story has a happy ending, and he learned a valuable lesson. At the time, he was doing 80% to 90% of the sales work for Urban Environments himself. He saw himself as the only person who could sell and grow the business. But the minute he saw that large amount of revenue disappear, he knew he couldn't make up the difference alone.

"I immediately turned to two key individuals in my company who were managing operations at the time," says Korte. "I said, 'Tomorrow you're going to be salespeople." We didn't have a lot of time to respond to this loss of

business. We either had to accept being 30% smaller or get out there right away to replace this lost business with new business."

In the end, Korte was not only able to replace that lost 30%, but grew another 10% on top of it. He savs it was an important moment in his business. "In the past, I always depended on myself, thinking I was the only person who could really sell the business," says Korte. "But it was only a matter of taking the time to teach two other individuals the things I knew about selling to increase our sales. If I can sell \$500,000, and I can get someone else to do what I'm doing, I'm now selling \$1 million."

The lesson is an easy one to grasp, Korte says. "It's simple thinking, but too many business owners struggle to look past themselves," he explains. "That's very limiting."

Korte's advice to landscape business owners: "Don't be afraid to look within your own company and beyond yourself for ways you can grow sales."

The other big moral of the story is to never let one client pose that much risk to business. "You just never know what could happen," Korte warns. "Something may never happen to you, but it could happen to them. They may go out of business or hire a new company — things that are out of your control. You have to be prepared."

The author is a freelance writer with six years of experience covering landscaping.