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Savings of hundreds of thousands of dollars compared to conventional reconstruction

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We routinely get courses back in play in less than 2 months – minimizing the greatest cost of performing a renovation – loss of play

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LONG TERM SUCCESS
Greens we installed over 14 years ago have retained their purity and still perform well today

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A bizarre confluence of events made life very interesting for those in the golf industry.

BY GEOFF SHACKELFORD

Water Wise 3
Superintendents need to prepare today for tomorrow’s water restrictions.

About the cover
The clouds say another year has gone by. Photo by Stock International Inc., design by Carrie Parkhill.

Big on Bio
Those who have used and tested bionutritional products tout them as a major component to maintain healthy turfgrass.

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’Tis the Season to Help End Hunger

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Potassium and Old Man Winter

40 Shack Attack
Golf’s Hope for Change

Golfdom December 2010
You've got enough things to worry about. But the proven performance of Pendulum® AquaCap™ herbicide means weeds aren’t one of them. Its water-based formulation gives you long-lasting, broad-spectrum preemergent grass and broadleaf weed control, with reduced staining and odor, plus easier clean-up. So don’t worry about weeds popping up. Use Pendulum AquaCap.

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Project EverGreen: Continuing to Make a Measurable Difference

By Norman Goldenberg, President Project EverGreen Board of Directors

Just six years ago, with the support of our contributors, staff and industry partners, Project EverGreen launched an effort to preserve and enhance green spaces in our communities for today and future generations.

We remain committed to winning the hearts and minds of consumers by using local grassroots efforts to carry the resonating message about green spaces throughout America—ultimately sustaining the vibrant green industry that makes it all possible.

Highlights:

- The Milwaukee EverGreen Zone launched with landscape personality, Melinda Myers, as spokesperson.
- We officially launched Project EverGreen in Canada.
- Green industry companies are now including the Project EverGreen logo into their business and marketing materials.
- A new hosta named for GreenCare for Troops goes on sale this summer.
- We continue working closely with other green industry associations to help educate consumers about how we are positively impacting green spaces.
- Holiday CD by Little Chicago is a big hit nationwide.

EverGreen Zone Grassroots Education Program Returned in Akron, Ohio and launched in Milwaukee, Wisconsin in 2009

Independent research verifies that we continue to increase consumer awareness about the benefits of green spaces. By educating consumers through EverGreen Zones, we are changing consumer attitudes.

Change in Awareness:

<table>
<thead>
<tr>
<th></th>
<th>Consumer: Green Spaces</th>
<th>Consumer: Project EverGreen</th>
<th>Professional: Green Spaces</th>
<th>Professional: Project EverGreen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change in Awareness %</td>
<td>22%</td>
<td>14%</td>
<td>20%</td>
<td>54%</td>
</tr>
</tbody>
</table>

GreenCare for Troops Continues to Grow

- The total number of families grew by 21% in 2009.
- The total number of volunteers grew by 20% in 2009.
- Approximately 9,200 military families and more than 2,400 volunteers are involved.

Help Us Spread the Good News About “Managed Green Spaces”

Continue your financial support of Project EverGreen because “a rising tide lifts all boats.”

For more information about Project EverGreen go to www.ProjectEverGreen.com or call us toll-free at 1-877-758-4835.
Does your golf course’s clubhouse throw out food every week? This isn’t an indictment of your operation (because we all waste food), it’s just a question. And later in this column, I’ll suggest an answer to what you can do with any leftover food instead.

Now, I’d like to take you back to June when I attended the BASF Agricultural Solutions Media Summit in Chicago. The conference’s theme was sustainability. One of the speakers — and I salute BASF for including him — was Roger Thurow, the senior fellow on global agriculture and food policy for the Chicago Council on Global Affairs. Thurow spent 20 years as a foreign correspondent for The Wall Street Journal in Europe and Africa. He saw more of this world than we’ll ever see. The sights weren’t all pretty. Thurow witnessed people dying of starvation in Africa.

But Thurow channeled the shock and sorrow of what he saw into action. In his current position, he’s doing what he can to help end world hunger. At the BASF event, Thurow’s presentation to the 50 or so members of the media, including many from the agricultural industry, focused on sustainable agriculture in Africa.

“One billion people in this world are chronically hungry — that’s about 16 percent of the world’s population,” Thurow said. “That’s the highest number in history. Shame on us for letting that happen.”

Think about that for a minute — there are more people starving today than ever. It doesn’t make you proud to live in modern times.

The good news is we can do something constructive to correct this horrible problem, Thurow said. We can help Third-World farmers in Africa and elsewhere by investing in them and training them in sustainable agriculture.

“Then they can feed themselves and their communities and hopefully have a surplus to boost their income,” Thurow said. “That’s my definition of sustainability.”

Throwing money at the problem in the form of food aid surely helps, but it will not solve the problem. In 2003, America sent more than $500 million in food aid to starving Ethiopians. But America spent less than $5 million in agricultural development in Ethiopia that same year.

Third-World nations are light years behind the United States when it comes to agricultural technology. Thurow’s point is to spend more on agricultural development in these nations than on food aid. Then people won’t go hungry in the first place.

In 2003, Thurow took a trip to Ethiopia that changed his life. He saw poor children — portraits of famine, Thurow called them — with swollen heads and hollow eyes, the classic symptoms of malnutrition. Thurow was frightened and haunted by what he saw.

Thurow was also outraged. That’s why he’s on the speaker circuit. Thurow pleaded with the media and others at the BASF event to join him in his outrage. If our government can spend $3 billion of taxpayers’ money on a two-month program like Cash for Clunkers, then it can spend $3 billion of our money over three years to help end hunger through agricultural technology, he said.

Thurow ended his talk by saying it’s time to raise the clamor over the debacle that’s world hunger. That means writing your representatives in Congress, your senators and even your president. It means taking a stand.

Let’s also remember that you don’t have to travel to Africa to find hungry people. About that extra food at your golf course’s clubhouse — why not donate it to the local soup kitchen or food bank?

We can all do our part to end hunger — in our towns and in our world.

**T’is the Season to Help End Hunger**

**BY LARRY AYLWARD**

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**ONE BILLION PEOPLE ARE CHRONICALLY HUNGRY IN THIS WORLD,” SAYS ROGER THUROW. “SHAME ON US FOR LETTING THAT HAPPEN.”**

**Editor’s note:** I’ve been saving this column for December. The topic is appropriate, considering it’s the holiday season, a time to help those in need.