"We want to be an example of what you can do to help reduce water use. Barona has made a tremendous commitment to the environment. We’re showing the respect of living in harmony with nature." – SANDY CLARK
How can a product that's so tough on grubs be so gentle at the same time?

It's a little miracle we call Acelepryn™

Nearly 500 independent university trials prove it: DuPont™ Acelepryn™ insecticide delivers excellent control of the 10 toughest grubs, plus other key pests, in as little as one application—and at the lowest application rate ever utilized for white grub control. No other grub product can match the outstanding environmental and toxicological profile of Acelepryn™ Or its reduced-risk classification from the EPA. Tough on grubs, yet gentle at the same time. DuPont™ Acelepryn™ Learn more by visiting us at proproducts.dupont.com.

Kill them. With kindness.
The New
Standard in Turf
Maintenance

SUPER 500
Universal Turf Maintenance Machine

Sweeping • Verticutting • Core Pulverizing • Flail-Type Mowing • High Dump Feature

We offer everything for turf maintenance.
Please contact us for detailed information!

Super 500

PHASING IT IN
Phase one of the turf-reduction project, which was completed in September 2008, entailed removing about two acres of turf from the course and replacing them with 14 waste bunkers. The sand in the bunkers on the course is 75 percent Augusta white and 25 percent desert tan. To match the waste bunkers with the existing bunkers (the original mix has faded), Clark used a 50/50 mix of the two sands.

Most of phase one, which was contracted to Temecula, Calif.-based Weitz Golf International, was done while the 7,448-yard, par-72 course was closed to allow the maintenance crew to implement its winter maintenance program, which includes overseeding tees and rough. The course typically closes for three to four weeks in September, depending on what's involved. In 2008, it was closed from Sept. 8 until Sept. 29.

The course features 419 bermudagrass on the fairways; Bull's-Eye (that's thinning because they didn't overseed this year) and Tifway II bermudagrass in the rough, which is usually overseeded with perennial ryegrass; 419 on the tees and A-4 bentgrass on the greens. It also features more than 170 mature native oak trees transplanted from other regions of the Barona Indian Reservation.

Phase two, which will be done in-house by Clark's staff, will eliminate alternate tee boxes – there are between five and eight on every hole – and remove about two acres of sod surrounding tees and about eight acres in out-of-play areas, converting them to more natural areas. The teal-colored tees, which are right behind the burgundy-colored ladies' tees, are being eliminated. The goal is to have four sets of tees on every hole.

PHASING IT IN
Phase one of the turf-reduction project, which was completed in September 2008, entailed removing about two acres of turf from the course and replacing them with 14 waste bunkers. The sand in the bunkers on the course is 75 percent Augusta white and 25 percent desert tan. To match the waste bunkers with the existing bunkers (the original mix has faded), Clark used a 50/50 mix of the two sands.

Most of phase one, which was contracted to Temecula, Calif.-based Weitz Golf International, was done while the 7,448-yard, par-72 course was closed to allow the maintenance crew to implement its winter maintenance program, which includes overseeding tees and rough. The course typically closes for three to four weeks in September, depending on what's involved. In 2008, it was closed from Sept. 8 until Sept. 29.

The course features 419 bermudagrass on the fairways; Bull's-Eye (that's thinning because they didn't overseed this year) and Tifway II bermudagrass in the rough, which is usually overseeded with perennial ryegrass; 419 on the tees and A-4 bentgrass on the greens. It also features more than 170 mature native oak trees transplanted from other regions of the Barona Indian Reservation.

Phase two, which will be done in-house by Clark's staff, will eliminate alternate tee boxes – there are between five and eight on every hole – and remove about two acres of sod surrounding tees and about eight acres in out-of-play areas, converting them to more natural areas. The teal-colored tees, which are right behind the burgundy-colored ladies' tees, are being eliminated. The goal is to have four sets of tees on every hole.

PHASING IT IN
Phase one of the turf-reduction project, which was completed in September 2008, entailed removing about two acres of turf from the course and replacing them with 14 waste bunkers. The sand in the bunkers on the course is 75 percent Augusta white and 25 percent desert tan. To match the waste bunkers with the existing bunkers (the original mix has faded), Clark used a 50/50 mix of the two sands.

Most of phase one, which was contracted to Temecula, Calif.-based Weitz Golf International, was done while the 7,448-yard, par-72 course was closed to allow the maintenance crew to implement its winter maintenance program, which includes overseeding tees and rough. The course typically closes for three to four weeks in September, depending on what's involved. In 2008, it was closed from Sept. 8 until Sept. 29.

The course features 419 bermudagrass on the fairways; Bull's-Eye (that's thinning because they didn't overseed this year) and Tifway II bermudagrass in the rough, which is usually overseeded with perennial ryegrass; 419 on the tees and A-4 bentgrass on the greens. It also features more than 170 mature native oak trees transplanted from other regions of the Barona Indian Reservation.

Phase two, which will be done in-house by Clark's staff, will eliminate alternate tee boxes – there are between five and eight on every hole – and remove about two acres of sod surrounding tees and about eight acres in out-of-play areas, converting them to more natural areas. The teal-colored tees, which are right behind the burgundy-colored ladies' tees, are being eliminated. The goal is to have four sets of tees on every hole.

PHASING IT IN
Phase one of the turf-reduction project, which was completed in September 2008, entailed removing about two acres of turf from the course and replacing them with 14 waste bunkers. The sand in the bunkers on the course is 75 percent Augusta white and 25 percent desert tan. To match the waste bunkers with the existing bunkers (the original mix has faded), Clark used a 50/50 mix of the two sands.

Most of phase one, which was contracted to Temecula, Calif.-based Weitz Golf International, was done while the 7,448-yard, par-72 course was closed to allow the maintenance crew to implement its winter maintenance program, which includes overseeding tees and rough. The course typically closes for three to four weeks in September, depending on what's involved. In 2008, it was closed from Sept. 8 until Sept. 29.

The course features 419 bermudagrass on the fairways; Bull's-Eye (that's thinning because they didn't overseed this year) and Tifway II bermudagrass in the rough, which is usually overseeded with perennial ryegrass; 419 on the tees and A-4 bentgrass on the greens. It also features more than 170 mature native oak trees transplanted from other regions of the Barona Indian Reservation.

Phase two, which will be done in-house by Clark's staff, will eliminate alternate tee boxes – there are between five and eight on every hole – and remove about two acres of sod surrounding tees and about eight acres in out-of-play areas, converting them to more natural areas. The teal-colored tees, which are right behind the burgundy-colored ladies' tees, are being eliminated. The goal is to have four sets of tees on every hole.

PHASING IT IN
Phase one of the turf-reduction project, which was completed in September 2008, entailed removing about two acres of turf from the course and replacing them with 14 waste bunkers. The sand in the bunkers on the course is 75 percent Augusta white and 25 percent desert tan. To match the waste bunkers with the existing bunkers (the original mix has faded), Clark used a 50/50 mix of the two sands.

Most of phase one, which was contracted to Temecula, Calif.-based Weitz Golf International, was done while the 7,448-yard, par-72 course was closed to allow the maintenance crew to implement its winter maintenance program, which includes overseeding tees and rough. The course typically closes for three to four weeks in September, depending on what's involved. In 2008, it was closed from Sept. 8 until Sept. 29.

The course features 419 bermudagrass on the fairways; Bull's-Eye (that's thinning because they didn't overseed this year) and Tifway II bermudagrass in the rough, which is usually overseeded with perennial ryegrass; 419 on the tees and A-4 bentgrass on the greens. It also features more than 170 mature native oak trees transplanted from other regions of the Barona Indian Reservation.

Phase two, which will be done in-house by Clark's staff, will eliminate alternate tee boxes – there are between five and eight on every hole – and remove about two acres of sod surrounding tees and about eight acres in out-of-play areas, converting them to more natural areas. The teal-colored tees, which are right behind the burgundy-colored ladies' tees, are being eliminated. The goal is to have four sets of tees on every hole.

PHASING IT IN
Phase one of the turf-reduction project, which was completed in September 2008, entailed removing about two acres of turf from the course and replacing them with 14 waste bunkers. The sand in the bunkers on the course is 75 percent Augusta white and 25 percent desert tan. To match the waste bunkers with the existing bunkers (the original mix has faded), Clark used a 50/50 mix of the two sands.

Most of phase one, which was contracted to Temecula, Calif.-based Weitz Golf International, was done while the 7,448-yard, par-72 course was closed to allow the maintenance crew to implement its winter maintenance program, which includes overseeding tees and rough. The course typically closes for three to four weeks in September, depending on what's involved. In 2008, it was closed from Sept. 8 until Sept. 29.

The course features 419 bermudagrass on the fairways; Bull's-Eye (that's thinning because they didn't overseed this year) and Tifway II bermudagrass in the rough, which is usually overseeded with perennial ryegrass; 419 on the tees and A-4 bentgrass on the greens. It also features more than 170 mature native oak trees transplanted from other regions of the Barona Indian Reservation.

Phase two, which will be done in-house by Clark's staff, will eliminate alternate tee boxes – there are between five and eight on every hole – and remove about two acres of sod surrounding tees and about eight acres in out-of-play areas, converting them to more natural areas. The teal-colored tees, which are right behind the burgundy-colored ladies' tees, are being eliminated. The goal is to have four sets of tees on every hole.
Contec DG® is a dispersing granule technology that “melts” into the turf within minutes of irrigation. About 10 minutes after contact with water, the granules have fully dissolved into thousands of particles, ensuring 100% of the DG nutrients are delivered into the turf.

That means...

- No nutrient loss from mower pick up
- No shoe or ball pick up
- No particle run-off from heavy rain
- Virtual elimination of player downtime

Order today! Call your local Andersons distributor.
For more information visit www.contecdg.com

TNT Programming Tool
Do you need a tool to help plan your seasonal nutrition needs? The Andersons has created "TNT" (Turf Nutrition Tool) that operates with Microsoft Excel and is informative and simple to use. With this tool, you and your distributor sales representative can now plan your nutrition needs for a balanced, consistent feed of nitrogen for your turf for an entire year. Download the program at www.contecdg.com.

Awesome
- Dave Riffle, Superintendent, Seven Springs, Champion, PA

© 2009, The Andersons, Inc. Worldwide rights reserved
®™ Contec DG, DG Man and Andersons Golf Products are registered trademarks of The Andersons, Inc.
Available outside the United States as NutrDG

75 SGN for Greens:
0-0-25 AGCK25MDG4
9-0-18 AGC95WMDG4
12-3-12 AGC12MDG4
13-0-26 AGC131WDG4
17-0-17 AGC178WMDG4
18-9-18 AGC8348.3
19-0-15 AGC1919WMDG4

150 SGN for Fairways:
18-24-5 AGC186WDG5
20-0-20 AGC202WDG4
24-0-10 AGC2424WDG5
reseeding process, which, when completed in late spring, will result in better course playing quality with enhanced natural surroundings, Clark says.

**LESS CONSUMPTION**

Clark, whose crew consists of 31 full-timers year round, has been looking at turf reduction for some time and discussed the idea with superintendents at courses in Arizona that have reduced turf.

“This plan will further reduce our water usage,” says Clark, who was awarded the 2004 Environmental Leader of the Year by the GCSAA and Golf Digest Magazine. “Being more environmentally friendly and aesthetically appealing aren’t mutually exclusive terms. We will still be green and gorgeous.”

The multiphased project also includes limiting overseed-
RedMax®
The Professional - Commercial choice for over 20 years!
Mean, Green & Clean.

- Trimmers
- Brushcutters
- Blowers
- Edgers
- Chainsaws
- Sprayers
- Hedge Clippers

The Reciprocator is 4 Units in 1:
Trimmer, Edger, Hedge Clipper & Pruner

MaxPro is available at a dealer near you.
Visit www.redmax.com
To find a dealer or learn more about,
MaxPerformance - MaxPower - MaxTorque
MaxAcceleration - MaxTechnology - MaxSpeed

www.golfcourseindustry.com/readerservice - 29
Barona Creek removed about two acres of turf from its golf course during the first phase of its turf reduction program. According to tees and roughs, lowering maintenance requirements by an additional 10 to 15 percent. These measures will address several important environmental issues, ranging from reduced fuel and energy consumption to the use of fewer fertilizers and chemicals used for maintenance.

"What makes this program even more important, especially in a dry, drought-prone region such as San Diego, is the water savings that could run as high as 100 percent in those turf areas that will be eliminated or returned to native plantings," King says.

Clark, whose maintenance budget is about $1 million, says it's too soon to determine what percentage of fuel, energy, fertilizer and chemical use will be saved by the program, but he's hoping it's at least 15 percent. Time will tell. He also doesn't know exactly how much money the project will save. But any savings will be put into detail work on the course, which features 130 bunkers, and improving the property.

WATER CONSERVATION EFFORTS

Before the turf-reduction program started, Barona Creek implemented water conservation efforts through its advanced water reclamation plant, computerized irrigation system, sophisticated weather-monitoring program and sustainable landscape plan. The water reclamation and wastewater treatment facilities allow the tribe to save and reuse almost every drop of water runoff at the resort.

"These water-saving innovations at Barona Creek are about more than self-preservation," Clark says. "They're also helping the environment and hopefully influencing the golf community at large."

Barona Creek's water supply comes from three sources: effluent water, which comes from the hotel; rain water, which is captured in a 22-million-gallon-capacity reservoir; and on-site emergency wells that contain nonpotable water, which is the last source Clark taps into. Some

---

PENN STATE ONLINE

Learn from a leader in turfgrass education

Bachelor's Degree in Turfgrass Science
Certificates in Turfgrass Management

- Employer-recognized and accredited
- Flexible, convenient, and entirely online
- Financial aid options available

www.worldcampus.psu.edu/GCI
Throughout the history of the turf management industry, professionals who develop innovations in equipment, products and methods have eagerly handed down their wisdom and experience to the next generation. That's why SePRO Corporation is proud to establish its legacy in the form of the latest advancement in turf growth regulation.

**New Legacy Turf Growth Regulator** incorporates patented synergistic growth regulation technology resulting from its dual sites of action and absorption. No other product can match Legacy's combination of enhanced growth suppression, extended spray intervals, improved turfgrass color and quality, suppression of *Poa annua* and more uniform growth regulation on mixed turfgrass stands. The next generation of turf growth regulators is here in the form of an innovation that will be passed down for years to come.

Make it a part of your golf course's tradition by visiting [www.sepro.com](http://www.sepro.com) or calling 1-800-419-7779 to learn more about Legacy or any of SePRO's products, services and technologies.

*Trademark of SePRO Corporation. Always read and follow label directions. Legacy is pending registration in some states. The synergy derived from the combination of Type IIA and Type IIB PGRs is covered under U.S. Patent No. 7,135,435. ©Copyright 2008 SePRO Corporation.*

**Legacy**

The Next Generation of Turf Growth Regulation Technology
Speaking of bailouts, we have one for the turf industry.