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MAIN EVENTS

14 REGAINING CONTROL: A TALE OF TWO GOLF COURSE IRRIGATION SYSTEMS

Bob Maloney, greens chairman at Atlantis Golf Club in Atlantis, FL, and Dick Ameny, general manager of Canyon Country Club in Palm Springs, CA, were at wits end two years ago with runaway irrigation system maintenance costs. Although they were more than 3,000 miles apart, they regained control of their irrigation systems with similar solutions. One reason is Atlantis has one of the few electric valve systems in lightning-prone Florida. By starting with their pump systems and leading into new valves and heads, both Maloney and Ameny concluded that the ultimate solution for their renovated irrigation systems was computerized control at both the central controller and the satellites. A computer program developed by Toro that accurately calculates the water needs of valuable turf and adjusts irrigation cycles accordingly has both courses back on track to irrigation efficiency.

24 JACK MURPHY STADIUM: THE ROAD TO SUPER BOWL XXII

The decision on which stadium will host the Super Bowl is very important to the National Football League and is made years in advance. The selection of San Diego Jack Murphy Stadium for Super Bowl XXII was a close one, based upon the NFL's faith in the ability of a few experts to bring the silt-plugged field back to life. As promised, the field has been rebuilt and recovers as quickly as it did when it was first built in 1967. Still, unseasonably cold weather and a fall schedule that included back-to-back games played in the rain, has turf manager Brian Bossard and NFL field consultants George and Chip Toma on guard to fool Mother Nature between the Holiday Bowl and the Super Bowl.

39 CALCULATING PUMP EFFICIENCY

Energy and water savings, possible by increasing the efficiency of irrigation systems, have many sports complexes reevaluating their pump systems. Not only will a new pump system save money, it will cut down on system maintenance and enable modern controllers and heads to perform better. This article gives sports turf managers insight into efficient pump system operation and how it relates to other irrigation system components.

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COVER: Aerating a golf course green in the early morning dew.
Photo courtesy: Salsco Products, Co.