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MAIN EVENTS

10 *The Invisible Sun: Heating Soil From Below*

Just a few inches below the frosty scene, the roots of the turfgrass bask at a comfortable, if not balmy, temperature. How can the roots be toasty warm when the surface temperature is below freezing? Several turf managers talk about their turf-heating systems that keep grass green in sub-zero temperatures.

14 *Kauffman Stadium Goes Green*

The baseball strike was both good and bad news for the Kansas City Royals. In the Royals' case, the strike presented a window of opportunity for the conversion of Kauffman Stadium from an artificial surface to natural turf. Richard Yach details the before, during and after.

18 *Erosion Control for Athletic Fields*

Erosion is seldom an athletic field problem, but it's frequently a problem for the sports turf manager. At many universities, city school systems and parks and recreation departments, the athletic fields may be a small portion of the "area" of responsibility. Steve and Suz Trusty share insights on how the perimeter of the stadium affects aesthetics and play.

20 *Mid-Season Sodding: Planning for the Pitfalls*

Sports turf managers strive for athletic field turf that withstands the rigors of play throughout the season, whatever the sport. But sometimes circumstances combine to weaken turf to the point that mid-season replacement is necessary. Mid-season sodding can be a quick solution to damaged turf, but the type of sod is only one of the many considerations.

24 *Getting Ready for Old Man Winter*

Old Man Winter with months of freeze/thaw cycles will wreak havoc with irrigation systems. Vince Patterozzi, head groundskeeper for the Cleveland Browns, discusses his methods for ensuring a system that works in the spring.

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On the Cover:

The Green Bay Packers and the Detroit Lions battle during a cold winter day in Lambeau Field. The field, however, was a picture-perfect spring green, thanks to an underground turf-heating system. Photo courtesy: the Green Bay Packers.