





Contents

OCTOBER 2012 | VOLUME 28 | NUMBER 10

Features

Field Science

- **8** Strategies to handle heavy traffic on your fields
- **14** The basics of maintaining synthetic turf
- **32** Turf report from the new Major League Soccer stadiums

Facilities & Operations

- **18** Environmental management and employee safety
- Painting Daytona Speedway logos tougher than passing on the high side
- Are you okay with our putting a 5-million pound structure on your field?

Irrigation & Drainage

30 Saving water (and money) at your indoor facilities

Tools & Equipment

34 Latest mower technologies from Big Three

Field of the Year

38 2011 STMA College Soccer Field of the Year: Maryland Soccer Foundation, Boyds, MD

Departments

- 6 From the Sidelines
- 7 STMA President's Message
- 17 John Mascaro's Photo Quiz
- 42 STMA in Action
- **43** STMA Chapter Contacts
- 44 Marketplace
- 45 Advertisers' Index
- **46** Q&A



On the cover: Jerad Minnick led his crew to an STMA Field of the Year Award despite the large number of events, different type of events, and the challenge of the extremely wet fall in 2011. Back row, L to R: Joel Cruz, William Godoy, Caesar Chavez, Christian Mejia. Front row, L to R: Jerad Minnick, Ryan Bjorn, Dusty LeVan, Julie Adamski.