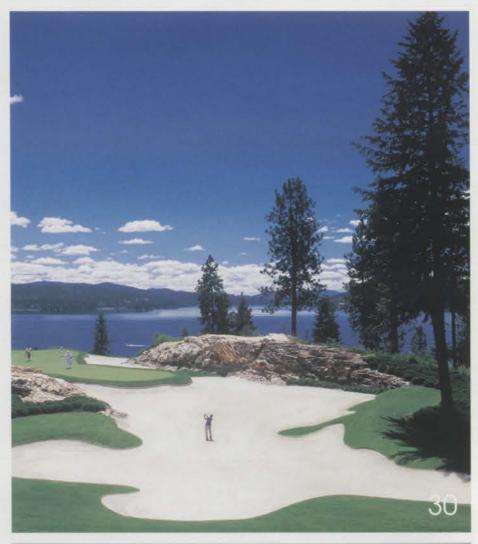
## contents







#### Industry update: feature



30

The business of golf did better in 2004 than it did in 2003, and some are predicting 2005 will be a better year than 2004, although not by much. The bottom line is that business is steady and superintendents will still have to do more with less.

## Course development: Q&A feature

#### 26 BUILD TO FIT

Golf course builders have had to adjust to the changing market as the economy recovers and demand increases. *Golf Course News* interviews Landscapes Unlimited's Bill Kubly about the state of golf course development.

## Personnel management: feature

#### 34 THE ART OF HIRING

Hiring qualified workers is not one of superintendents' favorite responsibilities. But they learn from past mistakes staffing their maintenance crews.

## Design solutions: feature

**40** A LONGER, MORE DIFFICULT ISLEWORTH Architect Steve Smyers updates an Arnold Palmer-designed course in Florida with additional contours, an improved irrigation system and hillside bunkers.

### Turfgrass management: feature

**46 THE SCIENCE OF NUTRIENT MANAGEMENT** Recent advances in the understanding of nutrient behavior have put more science into the process. Nitrogen management stands apart from other nutrients in its impact on turfgrass growth.

## Course maintenance: feature

#### 52 A MAINTAINED HAZARD

Superintendents devote a lot of time, money and labor to make bunkers look as natural as possible.

#### Course management: feature

### 56 GETTING ALONG

Courses offer tips for coexisting with neighbors.

# contents









#### Clarification

The covers of the October and November issues were illustrated by Ryan Etter Illustration. These credits were inadvertantly omitted in the two issues.

## Departments:

- 8 EDITORIAL Targeting workers
- 10 RESOURCES Calendar of events
- 13 INDUSTRY NEWS Association, course, supplier and personnel news
- 59 RESEARCH Curative management of dollar spot in fairways
- 60 TRAVELS WITH TERRY Equipment ideas
- 63 PRODUCTS New, pesticides, fertilizer, blowers/fans, pond management
- 68 ADVERTISING INDEX
- 69 FINAL ROUND

## Columnists:

22	MARKETING YOUR COURSE	
	Jack Brennan: Using a market analysi	is

- 23 DESIGN CONCEPTS Jeffrey D. Brauer: Tree management
- 24 ADVANCING THE GAME Jim McLoughlin: Chapters can do more
- 25 HUMAN RESOURCES Robert A. Milligan, Ph.D.: Hiring quality workers
- 70 PARTING SHOTS Pat Jones: First things first

#### Visit us online

VISIT WWW.GOLFCOURSENEWS.COM FOR: DAILY NEWS UPDATES WEEKLY E-NEWSLETTER SUBSCRIPTION A SUBSCRIBER MESSAGE BOARD ARCHIVED ISSUES A PRODUCT DATABASE ONLINE POLLS ASSOCIATION LINKS

GOLF COURSE NEWS (ISN 1054-0644) is published in January, February, March, May, July, September, Ocrober and November. Copyright 2005 GIE Media Inc., 4012 Bridge Ave., Cleveland, OH 44113-3399. All rights reserved. No part of this publication may be reproduced or transmitted by any means without permission from the publisher. One-year subscription rate, \$33 in the United States, \$42 in Canada and Mexico, and \$88 in other foreign countries. One year foreign airmail rate: \$102. Two year subscription rate: \$65. Subscriptions and classified advertising should be addressed to the Cleveland office. Periodicals postage paid at Cleveland, Ohio, and additional mailing offices. Postmaster: Send address changes to *GOLF COURSE NEWS*, 4012 Bridge Ave., Cleveland, OH 44113-3399.

