Dream 18
Maryland technology and Houston cash recreate golf’s best holes on a Houston oil field

Wicked weed
Pre-emergent herbicides wage annual battle against goosegrass, bane of the South

Move over, Spielberg
Jerry Mach loads his camera for a different kind of audience — the golf industry

USGA defines research
By Peter Blais
A comprehensive reference book summarizing the scientific literature on the positive and potentially negative environmental effects of golf courses will be available late next month.

Matching money with movers and shakers
By Mark Leslie
Deals are already being struck by investors and entrepreneurs connected by the golf industry’s fledgling electronic matchmaker.

Golf courses in Asia

BOULDERS EXPANDS
The 10th hole at the new Boulders South Course in Carefree, Ariz., designed by Jay Morrish, was the old 6th hole of the Boulders Nine. Morrish used the existing nine, refurbishing a couple of its holes, in a rerouting plan to devise the new 18-hole layout. See story on page 20.

All systems go at Pebble
By Hal Phillips
PEBBLE BEACH, Calif. — The 12 months preceding this year’s U.S. Open at Pebble Beach have been anything but dull. Maintenance crews have worked feverishly to recreate some of Pebble’s original 1919 splendor, the foreign owner had — until recently — wrangled with state agencies over the possibility of privatization, and ownership ultimately changed hands. However, with June hurrying just around the corner, the course itself is in good shape, despite substantial

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A Vermont advisory board has approved an integrated turf management plan and conservative risk assessment for a golf course, the first such approval under the state’s new chemical regulations adopted two years ago.

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THE NEWSPAPER FOR THE GOLF COURSE INDUSTRY

COURSE MAINTENANCE
IPM programs know no limits
Hodge follows good advice to career of choice
New buffalograss seed cultivars introduced

COURSE DEVELOPMENT
The Tour’s top finishing holes
Europeans feeling growing pains
Scores of courses planned, approved

COURSE MANAGEMENT
American Golf adds Arizona courses
Sexual harassment a matter of growing concern
Lakeside CC converts to daily-fee facility

SUPPLIER BUSINESS
Superintendents give Hydroject high marks
United Horticultural opens in Oregon
New products hit marketplace

Golf Course Management & Construction
ENVIRONMENTAL ISSUES
Hot off the press
USGA defines research
By Peter Blais
A comprehensive reference book summarizing the scientific literature on the positive and potentially-negative environmental effects of golf courses will be available late next month.

"Golf Course Management & Construction: Environmental Issues" will be released May 29 by the United States Golf Association Green Section.

The USGA says the book provides a scientific rather

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USGA research book highlights environment

Continued from page 1

than emotional analysis of the environmental effects of golf courses and should prove invaluable to those debating golf course development.

"It's a balanced account of the available information out there," said Green Section National Director Jim Snow. The report, entitled "Environmental Issues Related to Golf Course Construction and Management: A Literature Search and Review," simply listed available information.

It also suggested areas needing more research. The research committee has used the report to decide what studies the USGA should fund.

The new, easier-to-read book is divided into chapters -- such as wildlife, water use and pesticide applications -- and includes an extensive reference section at the end of each chapter.

The authors also updated the textbook to include important findings, like the Cape Cod and Pennsylvania State University ground water studies, that were not available in 1990, Snow said.

"The book should be very popular with anyone interested in the environment and golf courses," said Snow, adding that it will be distributed to libraries at colleges and universities with turf management programs, as well as state and federal environmental agencies.

"Every golf course superintendent should have a copy. Like any textbook, it contains more information than you'd ever need. But it's a great source when you need a reference to back up your argument."

The book includes some agricultural pesticide-fate studies, since turfgrass and golf courses have not been studied as extensively, Snow said.

While the agricultural test results may cause concern, they actually represent a worst-case scenario since golf courses are blessed with a permanent cover crop (turf) that helps buffer leaching and runoff losses, he added.

Snow said the golf industry will gain credibility by including potentially negative, as well as positive, information.

He points to the original report, which was sent to many environmental groups, including the Sierra Club and Audubon Society.

"It hasn't backfired on us at all," Snow said. "We've received nothing but compliments about the original report."

The book's release, less than a month before the U.S. Open Championship, is convenient, said Brian Lewis of Lewis Publishers Inc., the environmental publishing house printing the book.

It will be on display at the USGA's environmental tent during the championship, scheduled for June 18-21 at Pebble Beach (Calif.) Golf Links, Lewis said.

The USGA (telephone 108-234-2300) and Lewis Publishers (800-272-7737) are also taking orders. The book costs $65.