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Write 140 on reader service card
Clippings

Idea file

News

Student Interns: learning on the green
Superintendent Harry Lincoln shares his experiences and
tells how student interns help themselves and the course

Mount St. Helens is no saint
Superintendent Mark Higgs had to clean four inches of ash
off his course before it was playable again.

Removal of ash deposits from turfgrass
Dr. Roy Goss, Kenneth Morrison and A.L. Halvorson describe the proper methods for
northeastern courses to handle their problem.

The role of the powered golf car
Joe Much, NGF Regional Director, describes leasing
arrangements in this second of a two part series.

Landscaping tees
French and Korbobo point out that it might be worth the cost to landscape
a first tee to impress golfers as they enter the course.

Designers forum

Products

Classified

FRONT COVER:
Mount St. Helens has erupted numerous times now, and might keep on erupting. Each time, it leaves a deposit, shown in the inset, for superintendents to clean up.
Baron Kentucky Bluegrass
Ram I Kentucky Bluegrass
Diplomat Perennial Ryegrass

can be found at our booth
at the Southern California
Turfgrass Show

Stover Seed Co.
Los Angeles

Booth No. 31

The Florida Golf Course Owners
and Operators Association has
officially changed its name to
Florida Golf Management
Association. All Florida golf
courses are eligible to be voting
members. The next meeting is
scheduled for November 3 and will
be at the Mayfair CC in Sanford.

Florida Municipal Golf Course
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Dubsdread Golf Course is
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Village Manager of North Palm
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Texaco Bocal Del Mar, and Fred
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Mark Boorman has been
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information sheets pertaining to all
facets of the business of golf.

An updated edition of "All about
OSHA" is available free from the
Occupational Safety and Health
Administration.

Write OSHA Publications
Office, Room S1212, Frances
Perkins Dept. of Labor Bldg., Third
St. and Constitution Ave., N.W.,
Washington, D.C. 20210. Their
telephone is 202/523-6138.

The sixth annual National Golf
Foundation Daily Fee Workshop is
scheduled for November 16-19 at
the Dunes Hotel and Country Club
in Las Vegas. The workshop will
emphasize group discussion, with
experts also speaking on subjects
covering every aspect of golf
course operation. For more
information, contact NGF, 200
Castlewood Dr., North Palm Beach,
FL 33408. Their telephone is
305/844-2500.

The 21st Illinois Turfgrass
Conference and Regional Show will
be held December 16-18,
at the Prairie Capital
Convention Center in Springfield.
Contact the Illinois Turfgrass
Foundation, P.O. Box 501, Urbana,
IL. 61801.

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'No-gas' inventor dies fraud charges stand

Rory Johnson, Elgin, president of Magnatron Inc., and an Elgin, Illinois inventor who had reportedly constructed an engine which required no gas and ran 100,000 miles fueled by deuterium and gallium creating a fusion reaction, died April 8 of this year in California. The Illinois Attorney General's Office has upheld a Subpoena Enforcement lawsuit and two counts of fraud against Johnson and Magnatron.

According to William Oberhardt, Assistant Attorney General in the Chicago Branch of the Consumer Protection Division, Johnson first began leaking news, anonymously, of his engine in 1977. In 1978, he began promoting it publicly. Magnatron was incorporated and Johnson had convinced several investors to invest $25,000 apiece. When the Attorney General's Office learned of the investments, they request documents from Johnson backing up his claims. Johnson refused and the first lawsuit was brought in June of 1978. It was a temporary restraining order and as Johnson continued to refuse to substantiate his claims, the Attorney General's Office issued a permanent injunction prohibiting him from promoting the engine and selling any investments to the general public. Johnson could still sell investments to the commercial segment. The injunction was appealed all the way to the Illinois Supreme Court and was upheld.

One count of fraud charged Johnson with misrepresentation of his own personal achievements and technical capabilities. He claimed to be a graduate of M.I.T. and Darmstadt, both of which denied his claims when contacted by the Illinois Attorney General's Office. Johnson also claimed to have worked in research and development at Westinghouse, NASA, Motorola and others, and in fact, did, but as a lab operator or related functions.

The other count of fraud was misrepresentation of the engine. Johnson absolutely refused to produce the documents which would substantiate his claims and canceled several demonstrations with the Department of Energy and others to actually demonstrate the engine. The engine was never seen actually operating a vehicle and it is questionable whether the demonstration reported in the October, 1979 issue of this magazine, involved the engine running under its own power. The Illinois Attorney General's Office has an affidavit on file from Dr. Charles Baker, head of the fusion power program at the Argonne National Laboratory in Argonne, Illinois, stating that a fusion reaction such as that claimed by Johnson was impossible.

Eckhoff award deadline is Oct. 31

Sponsored by the National Golf Foundation, the Harry C. Eckhoff Award honors excellence in publications and newsletters produced by golf-oriented publications. Deadline for submission is October 31, 1980. Three categories have been established. They are club and course newsletters, state and district golf associations, PGA Sections and GCSAA regions, and all other regional golf publications. There is a maximum of one publication per entry which will be judged on an appearance, content and other criteria established by a panel chosen by the NGF. National magazines are excluded this year.

The winners will be announced in late 1980, including Don Rossi, NGF Executive Director, and each category winner will receive an appropriate plaque along with national publicity. Colonel Eckhoff joined the National Golf Foundation following his retirement from the U.S. Air Force in 1957. The Award was created in 1979 to honor his continuous valued and outstanding service.

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Cushman Motor Sales, Inc., authorized dealer of Cushman and Ryan turf care equipment, will be at the Southern California Turfgrass Show, October 15 and 16.

Be sure to stop by our booth and discuss our lineup of fine turf care equipment. And let us show you how our service meets the needs of today's turf care professionals.

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5. The Ren-O-Thin cuts a wide 18" swath;
6. A floating front axle follows the contours of your turf;
7. Choose the gutsy 7-hp Ren-O-Thin IV engine, or the economical 5-hp Ren-O-Thin III;
8. All Ryan power rakes are built to deflect debris from the operator as they power rake.

With operating costs constantly rising, you need to get the most out of every hour's wage you pay. That takes a dependable crew, using dependable equipment.

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Ask your Ryan dealer for a demonstration, and see for yourself how we build power rakes.

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Student interns: learning on the green

Student internship programs are an effective way of upgrading golf course maintenance programs, according to Harry Lincoln, golf course superintendent for the Boca Raton Hotel and Club course and the prestigious Broken Sound golf course in Boca Raton, Florida.

Maintenance of the two 18-hole courses is a year-round program for Lincoln’s staff of 50 who must keep the 235 acres in optimum playing condition seven days a week.

Lincoln, a graduate of the University of Massachusetts’ Stockbridge School of Agriculture and the University of Georgia with studies in ornamental horticulture, business and engineering, believes that the presence of student interns can benefit both student and employer.

“I participated in two student internship programs when I was in school which were invaluable to me and to my employer,” notes Lincoln. “The program gave me an opportunity to use all golf course equipment and to apply all the different procedures I had learned in the classroom.”

“The programs were so profitable to me and to my employers that I was determined to establish a similar program on my courses.”

Lincoln’s three-month student internship program, held last summer, was attended by seven students representing schools in North Carolina, Florida, Massachusetts, Michigan, Pennsylvania and even one from as far as South Africa.

Unlike many new golf maintenance employees, the students required lit-
Interns from page 7

tie training and supervision. They were highly motivated to work long hours in the hot South Florida summer sun, applying their classroom knowledge to their assigned tasks.

"In addition, the presence of students on the golf course was a subtle way of providing continuing education for my staff," notes Lincoln. "The students fresh out of the classroom were familiar with many of the latest technical developments in the golf maintenance field and were quite eager to share this information with my staff."

Golf course maintenance has now become a science and an important factor to consider when seeking qualified maintenance personnel, says Lincoln.

Each type of turf grass has different fertilization and irrigation requirements, explains Lincoln. Soil conditioning, plant diseases and their control, fertigation and new techniques of planting are among the technical factors to consider in maintaining a golf course. "Student interns offer golf superintendents an effective means of imparting these new developments to the permanent maintenance staff," he says.

Students who participate in Lincoln's internship program can look forward to working on two of South Florida's most prestigious and scenic golf courses.

The 18-hole Broken Sound course was designed by noted golf course architect Joe Lee. The par 72 course, set on 140 acres, is the focal point of the Arvida Park of Commerce, an 850-acre light industrial park. Lincoln's maintenance staff, assisted this summer by the student interns, is also responsible for the landscape maintenance of the park. Membership is restricted to 350, with 100 reserved for the Park's business residents.

In designing the course, Lee was especially concerned with retaining, where practical, the approximately 3,000 maple trees on the course, probably the largest stand of maples in South Florida.

In addition, the course also features live oak, red bay, pine, ficus, pond apple, Ilex, palms and sabal palms set on rolling, winding fairways not usually found on Florida golf courses.

The Boca Raton Hotel and Club owned and operated by Arvida Corporation provides the setting for the 18-hole Red Lawrence designed course, an especially busy facility designed for Hotel guests and club members.

A consistent award-winner as a premier resort, the Boca Raton Hotel and Club has the distinction of being the only hotel in Florida to win, in a single year, both the Five-Diamond Award from the American Automobile Association and a Mobil Travel Guide Five Star rating. The latter has been awarded to the Hotel for 14 consecutive years.

"Maintaining this course is especially challenging," notes Lincoln, "since we are catering primarily to resort guests who have a limited amount of vacation time and must use the course whenever they want. The courses must therefore be in perfect playing condition every day," he says.
BEST OF THE LOT . . . BY A LOT

Derby is the leader in the new generation of turf-type ryegrasses because it performs so well in an endless variety of situations.

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Write 114 on reader service card
Mount St. Helens is no ‘saint’

By Mark Higgs, Superintendent, Moses Lake G&CC, Moses Lake, Washington

On May 18, just after 9:00pm, Mt. St. Helens erupted for the first time. Since then it has erupted numerous times and shows no immediate signs of ceasing. By mid-July, ash at least 8 inches deep covered over 62,000 acres. The first eruption had completely devastated an area of 6400 acres around the mountain. Assistant pro John Ostrader at Moses Lake Golf and Country Club, located about 100 miles northeast of Mount St. Helens, estimated their clean-up at about $100,000 dollars. He estimated that they would lose another $100,000 in

Continues on page 14

No rest for the weary...In the photo below, the dust on the roads recreates the dust on the course problem every time a vehicle stirs it up (photo at left).