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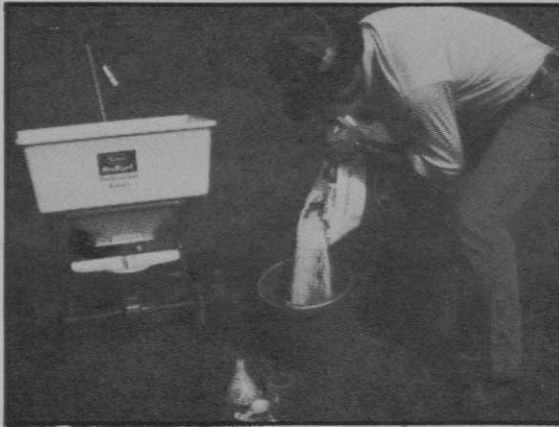
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Clippings 6

News 7

Management skills 8

Modified ureas meet changing needs

Dr. George McVey, Senior Research Associate at O.M. Scott and Sons, tells what modified ureas can do for turf 11

1981 GOLF CAR GUIDE

GOLF BUSINESS has surveyed and collected data on all golf cars to aid in the selection process 18

1981 BATTERY SPECIFICATIONS

GOLF BUSINESS presents comparison data for golf car batteries, both electric and gasoline 18

Who's liable for accidents?

Dr. Harold Gluck reviews recent New York court decisions that may have an effect on cases across the country 22

Landscaping the green: Part II

French and Korbobo continue with ideas to make a green not just a hole to get the ball into, but an experience 26

Classified 30

Viewpoint 30

Member:



FRONT COVER:

These Indian burial mounds on Lafayette CC, near Lafayette, Indiana, watch over land that is being cared for.



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Clippings

Brief bits of news from in and around the golf business. . .

The American Society of Golf Course Architects indicate that there is a general shortage of municipal courses in the U.S. The National Golf Foundation's market research shows that a community can seriously consider building an 18-hole course anytime there is 20,000 to 25,000 people in a given area that are not being served properly by a daily fee facility. Of all the courses opened in 1979, 42 percent were daily fee and 25 percent were municipal. Of 11,966 golf facilities inventoried by NGF as of January 1, 1980, 40 percent were private, 45 percent were daily fee and 15 percent were municipal. Contrasting with 20 years ago, NGF had 5991 facilities with 52 percent private, 33 percent daily fee, and 15 percent municipal. In the 20 years between 1960 and 1980, the number of golf facilities almost doubled.

Grenelefe Golf and Tennis Resort is building their third 18-

course in central Florida. Construction is expected to be completed in the fall of 1981. It will cost over \$1 million. The Grenelefe resort is located on 950 acres near Disney World, between Tampa and Orlando.

Dr. Fred V. Grau, long-time friend of turf and turfgrass managers, has told us that he will assist the firm of William and Mary Enterprises in Delta, Penn., in introducing the product 'Compost-Plus' to golf courses in the Northwest. Dr. Grau will continue as president of the tax-exempt Musser Foundation, which helps train graduate students. Without Dr. Grau and the Musser Foundation, turf management sure wouldn't be where it is now and probably wouldn't be on a paved road to where it is headed. He will share his earnings with the Musser Foundation, thereby boosting its funds. Anyone else wishing to contribute should contact him at P.O. Box AA, College Park, MD 20740 or call 301/864-0090.

The golf car division of the Harley-Davidson Motor Co., Inc. will now come under John A.

Davidson, who is also chairman of the motor company. Grandson of the co-founder, Davidson joined the company in 1960. The Milwaukee-based company first introduced a golf car line in 1962 and in January of this year, the division was recognized as a separate, autonomous business unit within the Harley-Davidson structure.

Lakeshore Equipment & Supply Co. has two new people. Jack Bruns, former superintendent at the Youngstown, Ohio CC has been hired as product development manager for irrigation. Bruns is a former president of the Northern Ohio Golf Course Superintendents Association. Dante Brunetti has been hired to head Lakeshore's nursery sales organization in Florida. Brunetti has been involved, for the last four years, with sales and technical representation for a liquid fertilizer company which covered the golf course, foliage nursery, flower farm, lawn care and agricultural markets.

The Legend electric golf car body, produced by Eagle Vehicles in Dallas, has been awarded first place in the Recreational Division of "Plastics: The Better Way" for 1980. The competition is in its fifth year and is sponsored by Plastics World magazine. The Legend vehicle is the first to utilize Reaction Injection Molded Urethane (RIM) for golf car bodies.

Ben Malinkowski has been promoted to Executive Tech Rep for Scotts ProTurf line. This is an honor, as only four others in a field of over 60, have ever achieved that rank. New Technical Representatives, and their territories, for ProTurf include: Don Brougner, central and southeastern Ohio and western West Virginia; Ron Burgher, central and western Texas and southern New Mexico; Barry Grote, western Pennsylvania and part of West Virginia; Jeff McMaster, eastern Ontario and Montreal; Bob Reardon, Arkansas, northern Mississippi, and western Tennessee; Steve Viafore, Long Island area; and Dave Wolfard, serving the Kansas and western Missouri territories.

Oseco Inc. in Brampton, Ontario has four new appointments. They are: George Stephens, Controller and Manager of Finance; Douglas C. Murphy, Stock Control Manager; Judy Stewart, Head Analyst of the Seed Testing

Laboratory; and Robert Thom, Manager-Wholesale, Domestic and International.

Carrol Wood is now the National Sales Manager for Safe-T-Lawn, Inc. Woods was formerly with the Buckner Irrigation Department of Johns-Manville Corp. Roger Doyle has been appointed "Specification and Market Manager" for Safe-T-Lawn in California. Tom Christy and Associates of Anaheim will be Safe-T-Lawn's new sales representative for southern California, Arizona and Hawaii. The company has opened a new sales office in Fresno, Calif., to supply distributors. The warehouse is combined with a Service and Repair Center. Safe-T-Lawn has also recently announced the acquisition of Shamrock Controllers Inc. in Fresno. Shamrock manufactures automatic sprinkler controllers for all types of irrigation systems.

Robert J. Moeller has been promoted to Vice President and General Manager of The Toro Company's Irrigation Division, based in Riverside, Calif. He will hold management responsibility for all activities relating to the engineering, manufacturing, sales and marketing of the company's complete line of irrigation sprinklers, valves and controllers.

The Upjohn Company has named Leo J. Zanoni as Public Relations Associate. He will assume responsibility for public relations programming relating to TUCO agricultural chemicals, among others. He has been with the company 10 years.

Melex USA, Inc. has named a number of new distributors in its Northeast, Southeast, and Western regions. A.B.C. Golf Enterprises will cover eastern Massachusetts and Rhode Island; Sondag Ltd. will serve southeastern Pennsylvania, northern Delaware, and southern New Jersey; Royce Distributors, Inc. will cover Maryland, District of Columbia, southern Delaware, northern Virginia, and eastern West Virginia; Melex Sales & Service of Florida will take responsibility for the southeastern portion of Florida; Sarasota Golf Car Sales, Inc. will cover western Florida; Melex Golf Cars of Southern California will serve that area plus Hawaii and Clark County, Nevada; Golf Car West will cover northern California and western Nevada; and Anchor Marine & Golf Center will handle Washington and Oregon.

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News

Firestone CC has closed North Course

Less tournament play, rapidly increasing costs of operating two 18-hole courses, and a declining membership base have caused the Firestone Tire and Rubber Co. to close the Firestone CC North Course near Akron, Ohio, to increase dues and to stay open only during the golf season in 1981 and subsequent years. The 197-acre course closed on October 31 and will be offered for sale. The 18-hole South Course will remain in operation and the World Series of Golf will not be affected by the changes.

Since the early 1950s, Firestone CC membership has been limited to the company's salaried and factory employees working within 50 miles of Akron. Because fewer than one percent of Firestone's worldwide employees are members of the club, the company is telling members that it can no longer continue the employee benefit of the current minimal dues structure. Beginning next April, the dues will be increased to be more competitive with similar country clubs in northern Ohio and social memberships will be eliminated.

New Mexico survey details amount of turf

New Mexico has released a survey which estimates total turfgrass in that state at 359,000 acres. Golf courses come in third place with 4,590 acres. First falls to residential and business with 13,520 acres and second goes to airports with 10,720 acres.

The most common turfgrass was bermuda. Common bermudagrass is grown on 16,770 acres, with hybrid bermuda growing on 2,300. Kentucky bluegrass grows on 6,030 and perennial ryegrass on 370. Bentgrass is grown on 310 acres.

Average man-hour requirements for maintenance were 11,100 per week from May 1 to November 1 and 2,720 from November 1 to May 1 for golf courses. Next highest were schools with 10,390 and 3,190 respectively.

Copies of the bulletin or additional information may be obtained by writing the New Mexico Department of Agriculture, New

NATIONAL GOLF FOUNDATION BOX SCORE					
Jan.-Aug. 1980 (same period '79)		REGULATION COURSES	EXECUTIVE COURSES	PAR 3 COURSES	TOTAL
OPENED FOR PLAY	New	36 (35)	1 (4)	3 (5)	73 (62)
	Additions	31 (14)	1 (4)	1 (0)	
UNDER CONSTRUCTION	New	15 (43)	3 (5)	0 (2)	45 (82)
	Additions	23 (31)	4 (0)	0 (1)	
PROSPECTIVE	New	20 (37)	4 (6)	2 (2)	51 (76)
	Additions	21 (26)	4 (2)	0 (3)	

Mexico State University, P.O. Box 3189, Las Cruces, NM 88003.

Polara loses golf ball anti-trust suit

A multi-billion dollar federal anti-trust action brought by Polara Enterprises, Inc., against the Golf Ball Manufacturers Association and the United States Golf Association was dismissed in U.S. District Court for the Northern District of California. The Honorable Robert H. Schnacke held as a matter of law, that there was no evidence of any conspiracy existing between the USGA and the GBMA either to unlawfully restrain trade or to attempt to monopolize the manufacture and sale of golf balls resulting from the refusal by USGA to place the "Polara Pro" golf ball on its approved list of golf balls. In addition, Judge Schnacke dismissed all charges against USGA and GBMA alleging a conspiracy to interfere with Polara's prospective economic advantage in the Polara ball.

The Polara golf ball was, according to its inventors, a unique, self-correcting golf ball which reduced hooking or slicing. Approval was denied pending the resolution of a new USGA rule concerning equal aerodynamics characteristics for golf balls.

Taxes, inflation turn 14.5% raise into loss

A worker who received a 14.5 percent pay raise, to keep up with this year's projected inflation rate, will actually be losing money, according to the Tax Foundation, Inc., a private group. The foundation calls it 'taxflation', a combination of inflation and higher tax brackets.

Using, as an example, a married couple with one wage earner and two children, a 1979 salary of \$10,000 with a 14.5 percent raise would amount to \$11,450. With

higher federal income tax and Social Security, take-home pay would be 10,202. Taking the inflation rate into account, purchasing power would amount to only \$8,910. The foundation concluded that inflation would cut the worker's after-tax income by \$1,292. An apparent 14.5 percent raise turns into a net loss of 1.7 percent in purchasing power.

GCSAA show will have 4-1/2 acres of exhibits

More than 8,000 golf course superintendents are expected to attend the world's largest turfgrass

trade show in January. Among activities planned for the Golf Course Superintendents Association of America's 52nd International Turfgrass Conference and Show, January 25-30, in Anaheim, California, are four days of educational sessions, a golf course tour, seven seminars and a golf tournament.

The educational program, beginning on the 24 with the preconference seminars, will include presentations from approximately 80 speakers. For more information, contact GCSAA at 1617 St. Andrews Dr., Lawrence, KS 66044, or call 913/841-2240.

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Superintendent skills

By Jim Converse



Jim Converse is one of America's leading botanical artists. His paintings and drawings have appeared in numerous national publications, and his weed and grass identification books have become standard tools of the trade. Jim is far more than a botanical artist, however, with years of

practical turf experience. Before assuming turf management responsibilities at OM Scott & Sons Company, more than 20 years ago, he worked as a golf course superintendent. After tours in Scotts Research and Retail Training areas, Jim was transferred to the ProTurf Division where he headed their training and educational programs. He is currently concentrating his talents in the area of visual communications.

The maintenance building

It's doubtful if early golf course designers gave even the slightest consideration to the construction of maintenance buildings. Maintenance just wasn't that involved and surely not all that important. Most any building could serve as a place to store a few pieces of equipment, and if it had a little extra room for repairs, so much the better. Thus, the structure that served as the former owner's tool shed, milk barn, or horse stable often became headquarters for golf course maintenance. Some have turned out to be amazingly suitable and efficient buildings, while others barely serve the purpose. But, if there is a lack of uniformity in construction, think about the location. Just finding the maintenance building on many golf courses can be a major undertaking.

The increased requirements of golf course care often stretch the original maintenance building into a small complex. Today's equipment not only necessitates more storage space, but also additional facilities for repair. Fertilizers, fungicides, seed and other turf care products also require places for proper storage. Many times the intricate controls and parts for automatic irrigation are housed in this area. The superintendent's office is here, along with the files that hold soil analysis, water quality reports, inventory lists, purchase receipts and a host of other vital records. It also serves as

a home base for all the workers on the golf course.

Maintenance buildings may lack a uniformity of construction and location from golf course to golf course, but they do serve the same basic function. That function is to act as a 'hub' for all golf course care. How efficient the performance of that hub is, is most often determined by the method in which it was organized.

It is the superintendent who must decide the arrangement of the maintenance building and how it ultimately operates. It is he who determines where equipment will be placed, how supplies are to be stored, how the office is to be organized, where the workers will park their cars and such trivial things as the location of trash cans. Only he can judge the fate of empty fertilizer bags, oil cans, or worn-out and obsolete equipment. Total responsibility for how the maintenance area is organized and how it contributes to the overall golf course operation rests with the superintendent.

People who have the opportunity to visit many golf courses come away with vivid impressions of the maintenance building and the area around it. What they see can range from very impressive at the top of the scale, to almost disastrous at the bottom. At the top are the facilities that give an appearance of exceptional orderliness, thought and care. Equipment is clean and stored properly. Fertilizer and supplies are arranged in an orderly manner. Tools are hung in their proper places. The superintendent's office has a business-like appearance. Areas around the building are cleanly trimmed and mowed. The whole workplace gives an impression of organization without an unreasonable penchant for neatness. It's a situation which helps each golf course worker realize the importance of his own efforts.

The view at the bottom of the scale is stark, but just as vivid. Equipment is covered with dirt, grease and grass clippings, and shoved into a haphazard mass of disorder. Tools and piles of soil, which have been in the same place for weeks, are scattered across the floor. There are all

kinds of things to trip over. Broken fertilizer bags spill their contents into mounds of waste and clutter. The superintendent's office is a study in disarray and confusion. There are rotten tires, pieces of equipment, boards and empty coke cans around the edge of the buildings. Weeds that are over three feet high almost hide the rusty running gear of a 1936 Chevy truck.

These two descriptions may seem exaggerated and distorted, but in truth there is more than just a little reality in both. A good superintendent could never place himself in the picture we have painted at the bottom of the scale. By the same token, he can't become so preoccupied with neatness and orderliness in the maintenance area that golf course care becomes secondary.

Someone once said, "Show me your maintenance building and I'll tell you what kind of superintendent you have." It's a statement with a lot of fact. For it's the one place on the golf course that reveals most about the superintendent and his approach to his responsibility. It can be a building that is too long, too short and far too inconvenient. But, its organization and utilization as the primary tool in maintenance serves as a strong measure for his effectiveness.

The maintenance building is seldom seen by more than just a few people, and it was never intended to be a thing of beauty. Nothing about its construction can guarantee superior greens or disease-free turf. It is only an arm, or tool for the care of the course. There are superintendents who insist that the maintenance building and golf course maintenance have very little in common. In the literal sense, they are right. But, the maintenance building can act as one of the best barometers for predicting the total response of golf course care.

The maintenance building, its care and operation can be a true reflection of the superintendent. It mirrors his ability to organize, control and execute the responsibilities of his profession. It tells us much about his approach to his work and attention to details. Work that originates in an atmosphere of disorder and confusion is almost certain to end that way.



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