Davey is ready to give you a "fifth season" head start on 1977 tree service.

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We'll survey your tree needs, provide cost estimates, and set up a tree maintenance program for you with no obligation. And while your course is uncrowded, we'll do what work is needed immediately to preserve the beauty and value of your trees and help you avoid emergencies and costly overtime later.

Use the Davey season to improve the golfing pleasure of members and guests. For estimates without obligation, check the Yellow Pages for the Davey representative nearest you. He's fully equipped and ready to consult with you — or to go to work for you right now.
In a recent test of the three leading electric golf cars, CLUB CAR outdistanced the field by traveling an amazing 104 holes on a single charge. That was 36 holes or 53% farther than the closest competitor. It is this extra distance capability that clearly demonstrates the reason for the extra profitability of CLUB CAR.

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And lighter weight means more pep and power, the best hill climbing ability and less damage to your turf. These are differences your club members will notice every round.

CLUB CAR is engineered for years of durable, trouble-free performance with a minimum of routine maintenance. And you won’t have to sacrifice comfort for durability. In fact, CLUB CAR offers many features you won’t find in most golf cars. Padded, contoured bucket seats (the driver’s is adjustable), beverage holders, ball holder, storage compartment, even an automotive-type suspension.

And there’s much more. Send for your free copy of our brochure and see for yourself. Or visit your nearest CLUB CAR Dealer for a test ride. Find out why no other golf car can match drives with CLUB CAR. Profits either!

Send for your free copy of our brochure and see for yourself. Or visit your nearest CLUB CAR Dealer for a test ride. Find out why no other golf car can match drives with CLUB CAR. Profits either!
One of the hallmarks of an outstanding club is an abundance of activity — not merely a major affair now and then, but activity on a regular basis. And smaller, lively events held frequently," says Reuben Levine, manager of Meadowbrook Golf & Country Club, Prairie Village, Kan.

With that kind of philosophy, it is understandable that the two significant words in the Levine business vocabulary are "parties" and "promotions."

The trouble was that until last April, "Rube" Levine didn't have the physical facilities to match his activity-oriented concept. Until then, Meadowbrook was operating with a small clubhouse which Levine called "our little country store."

Last year a transition was engineered. Seventeen acres of land on which the clubhouse rested were sold, and the proceeds supplied the capital for a major upgrading. The entire operation, including course and clubhouse, was merely shifted to 20 additional unused acres owned by the club.

Improvements included a new clubhouse, a new Olympic-sized swimming pool, a golf course that was rebuilt from scratch with new greens and fairways, and six tennis courts.

The impact of the renovation on club fortunes was instantaneous. The membership shot up from 200 to 425. Revenue from all income sources — food, car and greens fees, pro shop sales, etc. — increased from $500,000 annually in the old location to more than $1 million in the new location.

Focus on the clubhouse
Situated in a suburb of Kansas City, Meadowbrook serves a residency that ranks among the highest per capita in-

Grier Lowry is a freelance writer based in Independence, Mo., who writes frequently for golf trade and consumer magazines.
come groups. Levine came on the club scene 3½ years ago after a successful 20-year stint as the owner of a cocktail lounge/restaurant in the area.

It was natural in the upgrading project that Levine put a high premium on a functional clubhouse that would accommodate a broad variety of functions. He wanted a facility that would permit handling weddings and other functions and maintain a high level of service in other areas at the same time. The kitchen, for example, would be geared to serve 150 people a la carte in the main dining room and 155 people in a wedding party.

The architect, Lynn Scott Haylett of Kansas City, designed a 26,000-square-foot, ranch-style clubhouse built on two levels. It incorporates locker rooms, saunas, pro shop, 19th hole, and snack bar on the lower level and has a bar, kitchen, dining room, lobby, five card rooms, and administrative offices on the top level. The main dining room seats 260 persons. They get the kind of good service they like.

Meadowbrook has more daytime activity than many clubs, due to intensive usage of the card rooms. Some 60 women use the card rooms daily, and they make steady customers for the dining room.

Dining room supports itself
It isn’t an exaggeration to say that today Rube Levine is in his glory. He has the atmosphere and the facility for parties and promotions. One of his first maneuvers after moving into the new facility was to tackle a dining room problem.

“Our dining room patronage on Friday nights was low,” he said. “We have a predominantly Jewish membership and the fact that this was synagogue night was affecting our crowds. We were forced to maintain our regular six- or seven-employee kitchen crew for as few as 40 diners.”

In dealing with the problem, Rube Levine instituted a special on family-style fried chicken dinners at the competitive price of $3.50. The dinner included chicken, salad, mashed potatoes, green beans, biscuits with honey, and a beverage.

“The first Friday night we drew 160 diners,” recalls the manager. “The next week we had 180, and now we are serving about 190 diners. And we attract people who order not only chicken, but regular-price menu items as well.”

Perhaps Levine’s most successful promotion is “Preview Night.” It offers a preview, complete with box of popcorn, of a movie not yet shown in the area in a local theater, plus a buffet dinner at the club. Scheduled every 6 weeks, the preview package is priced at either $6.95 or $7.95.

Typical buffet offering: salad bar, smothered chicken, sweet and sour shrimp, carved round of beef, lasagna, two vegetables, butter and rolls, and a dessert table featuring rice pudding, apple cobbler, Jello, and ice cream sundaes.

“We’ve had the preview package going for 2 years and it’s been a sell-out of 225 members every time,” Levine reports. “Such movies as Give ‘Em Hell, Harry, and The Sunshine Boys attract members of all ages.”

Saturday “Cabaret Nights” are successful. With no raise in price, members order off the menu and special features such as a couple of Arthur Murray dancers demonstrating The Hustle may be the added feature. A recent “Cabaret Night” featured a popular comedian. The members-only night drew 220 persons and was so successful it was held over for Sunday night with members invited to bring guests for a sit-down dinner. That drew 400 persons.

“It takes a big dose of creativity and imagination to keep the interest at

“Levine has discovered he can command higher prices for events in the new, stimulating setting. The menu contains such dishes as beef wellington and bananas foster.”

Rube Levine (seated), executive manager, and Ron Caton, assistant manager, believe they now have the physical ingredients it takes to make an outstanding club.
clubs high," believes Rube Levine. "Our goal is a big event every month and a smaller event, such as combo night, weekly."

Levine has discovered he can command higher prices for events in the new, stimulating setting. The two main events on the club agenda are the spring formal dance in April and the installation of officers in November. A gourmet dinner is a feature of the spring formal dance. In the old setting, the tab for the affair was $8.95. It was all the traffic seemingly would bear. The price in the new surroundings has been fixed at $15. The menu contains such dishes as beef wellington, hearts of palm, small dutchess potatoes, bananas foster, cherries jubilee, and other flaming specialties.

Flaming dishes may be a lost art at some clubs, but not in the Meadowbrook dining room. At least four items to be flamed are on every dinner menu. Levine is convinced flaming creates atmosphere and interest. Trouble? Not if employees are trained in the technique, he says. Items such as bananas foster, steak Diane, cherries jubilee, baked Alaska, and pepper steak are regular flaming specialties.

A big influence in making the program of events at the club successful is good promotion, says Levine. They must be promoted with finesse and flair. The main tool he employs is a bulletin which announces and describes upcoming affairs. And each one is made to sound greater than any held before. The manager writes the copy and he uses a bit of drama in descriptions.

Levine believes firmly that it is important to set a definite time when reservations are to be made for events, then adhere to it. He refuses to take any reservations before a specified date because some people may get their announcement in the mail before others. For example, for the New Year's Eve party, a crowd of 350 persons can be accommodated. Members were given 3 weeks to make reservations, with December 8 given as the cutoff date.

New pro shop profits
The pro shop, expanded from 450 to 850 square feet, is prospering in the new environment. Vince Bizik, the pro, says sales have doubled over last year and are still growing. A big factor in the growth, he says, is an expanded inventory with far more selection and depth than in the old shop. He feels it takes about a $65,000 cost inventory to give customers adequate selection and maintain sufficient backup stock. Sharply departmentalized, the offering includes complete selections for both sexes of items such as sportswear, sweaters, jackets, tennis apparel, slacks, and shoes.

"We're finding we can sell higher ticket goods in our new shop," Bizik says. "We went no higher than $12 on sports shirts for men before; now we're doing a good job on $25 shirts. Before we had no slacks priced over $25; now we stock $36 slacks.

Promotions help stimulate business. Bizik doesn't like discounted prices on individual items to give sales a lift. He prefers some type of overall discount plan. For example, during the holidays a 15 percent discount on all items was offered after members spent a total of $25 in the shop during November and December. If a member bought $100 worth of goods he was given credit for $15 which he could spend any way he wished. It was a good promotion.

On another promotion feminine members were targeted. Upon making a $15 cash deposit, women were given a 20 percent discount on all softgoods. The deposits were accumulated and put in a fund for a ladies' tournament. The young pro takes a candid, honest approach to selling items such as sets of clubs. Unless a member really needs a new set of clubs, he downgrade the idea to the member. Even then he insists the member try them out on a couple of holes before making a final decision to buy.

"With a budget of $325,000, the golf course was almost built from scratch. The third hole gives members something to brag about."
FOR DETAILS ON PRODUCTS OR SERVICES ADVERTISED OR MENTIONED EDITORIALLY IN THIS ISSUE

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I WISH TO RECEIVE/CONTINUE RECEIVING GOLF BUSINESS  
☐ YES ☐ NO

SIGNATURE ___________________ DATE ____________

PLEASE ANSWER THE FOLLOWING QUESTIONS

1. Type of facility:  
   (check one only)
   1. Private  
   2. Semi-private  
   3. Daily fee  
   4. Municipal  
   5. Hotel/resort  
   6. Other golf facility (specify)  
   7. Driving/practice range  
   8. Manufacturer/rep.  
   9. Dealer/distributor  
   10. Golf association  
   11. Course builder/architect, agronomist, other allied to golf  
   12. Other (specify)  

2. Job function:  
   (check one only)
   1. Owner  
   2. Partner  
   3. General manager  
   4. Club manager  
   5. Buyer  
   6. Purchasing agent  
   7. Golf professional  
   8. Assistant pro  
   9. Pro shop manager  
   10. Director/commissioner of parks & rec.  
   11. Superintendent  
   12. Assistant superintendent  
   13. Director/commissioner of parks & rec.  
   14. Superintendent  
   15. Assistant superintendent  
   16. Other (specify)  

3. Size of golf facility  
   (Check one only.)  
   1. 9 holes  
   2. 18 holes  
   3. 27 holes  
   4. 36 or more holes  

4. Does your facility operate a practice/driving range?  
   ☐ Yes  ☐ No

5. Total yardage of facility: ____________

6. Number of members: ____________

7. Annual pro shop sales: $ ____________

8. Annual foodservice sales: $ ____________

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Mountain course greens up quickly thanks to seed, sod, and irrigation

Chuck Clark did everything but move mountains to build the new $2.5 million Broadmoor South golf course near Colorado Springs.

Clark, director of golf courses at the Broadmoor Hotel, supervised construction of the 6,935-yard course, which was designed by architect Edwin B. Seay in collaboration with Arnold Palmer. It was dedicated last spring, 30 months after construction began on a rugged mountainside overlooking the resort's other two United States Golf Association-approved courses.

“We came out like champs,” Clark remarked while a foursome containing Palmer played the course on opening day, “but it wasn't a bed of roses. The terrain, our climate, and special irrigation problems stalked us every step of the way.”

Palmer and teammate Nancy Roth Syms, reigning British Amateur champion, won in matchplay against Broadmoor club professional Dow Finsterwald and Cynthia Hill, 1974 U.S. Women's amateur champion. The dedication event was played in 40-degree temperatures.

Palmer told newsmen an “improved lie” rule need not have been invoked. Despite firing a two-over-par 74, the aging four-time Masters Champion praised the course's playability, especially since turf had been seeded less than a year earlier. Ninety-eight percent of the nascent turf survived Colorado's harsh winter and roots had penetrated 5 to 7 inches deep by opening day.

New grass for greens

Broadmoor South is the first known U.S. course with greens seeded entirely to Emerald creeping bent grass. The new variety, perfected in Sweden, is bred from a single parental plant; other creeping bents are poly-crossed varieties. Single parentage reportedly gives exceptional uniformity.

“When a putt breaks on our greens it's because of land contours rather than grain,” Clark commented.

Seay, president of the American Society of Golf Course Architects, designed the course so none of its 18 holes goes directly up or down hill except the dogleg first fairway. The course “tracks” across the Ponderosa pine, Douglas fir, and scrub oak wooded hillside much the way railroad engineers build switchbacks to traverse mountainsides. Natural ravines crisscross 10 fairways.

The small greens (average: 5,500 square feet) are guarded by 86 sandtraps plus mounds and natural precipices, which usually channel long errant shots down into rocky gullies. Seay skillfully substituted man-made mounds for heavily bunkered greens to give handicappers relief from their fear of sand shots without compromising the par golfer's challenge.

Clark elected to put down Baron bluegrass sod rather than seed on slopes skirting the greens. The reason, he explained, was to prevent bluegrass seedlings from washing away and contaminating his Emerald bent greens. Overhangs flanking any greens or tees were left in their natural condition, but were reinforced and
Keep your turf in top playing condition.

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*NEMACUR 15% Granular* is a fast-acting nematicide that provides months of residual control of major genera of turf nematodes. Requires no injection—apply with a granular applicator and water in.

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*DEXON fungicide.* Stops *Pythium.* This non-mercurial fungicide is also extremely effective in preventive programs to control cottony blight. It’s compatible with other turf pesticides.

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*DYLOX insecticide.* This fast-acting selective insecticide gives quick cleanup of sod webworms. Dissolves readily in water for application with any type of spray equipment.

*BAYGON insecticide.* This carbamate controls turf insects, including many species resistant to chlorinated hydrocarbon and organophosphate insecticides. May be used as directed on Bermuda, zoysia, rye, clover, colonial bentgrass and other common varieties.

For great turf that gives your golfers great shooting, order these Chemagro turf pesticides from your chemical distributor.

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DYRENE is a Reg. TM of Mobay Chemical Corporation.

![RESPONSEability](image)
Workers cut out a drainage lake at the new 6,935-yard course in Colorado Springs.

terraced with rocks.

"In the short run sod cost more than seed," Clark said. "But over the long haul it's been money in the bank.

By buying sod we didn't have to continually go back in and redo the job every time it rained."

Erosion control also was Clark's first priority when the turf management graduate from Colorado State University carefully selected fairway grass varieties. Deep ravines and steep slopes, coupled with the ominous threat of spring thunderstorms sweeping in off the mountains, mandated a quick cover. Fairways on the stately resort's South links were seeded to a mixture of 20 percent Pennfine ryegrass plus Baron Kentucky, Nugget, Fylking, and Adelphi bluegrasses.

Thanks to Pennfine and the four bluegrasses, Clark noted, a good ground cover "was achieved within 2 weeks. Furthermore, to prevent seeds from washing down inclines, a 40-member crew hydrosedeed steep slopes throughout the course. Workers mixed seed with wood-fiber mulch and put Terra-Tack plastic binder into mulch to make it more water resistant by binding the mulch together. The mixture was blended into a water slurry and sprayed onto contoured fairways with high-pressure guns.

A thinking golfer's course

One of Seay's hallmarks is to keep earth moving to a minimum within the limits of fashioning a playable course. So the 38-year-old architect, who is remodeling Cherry Hills for the 1978 U.S. Open, worked closely with Broadmoor officials to sculpt a traditional golf course out of solid rock without desecrating the terrain.

He employed key fairway cuts, existing ravines, and strategically-placed mounds to vary land contours widely, thus creating a course demanding finesse and shot control rather than uncompromised length.

Gundersons Inc., landscape contractors headquartered in Rapid City, S.D., met Seay's exacting demands in reshaping the topography at Broadmoor South. Site preparation embraced 18 months. Laborers cleared unnecessary timber, moved 600,000 cubic yards of rock, and hauled in more than 100,000 cubic yards of topsoil from a nearby dairy farm. Massive boulders were blasted into small pieces so Caterpillar tractors could move them.

The Broadmoor Hotel, general contractor on its own project, saved an estimated 20 percent in costs by providing supplemental labor and by serving as purchasing agent. Those savings helped offset inflation that swelled the project's cost beyond initial projections.

Summer and winter irrigation

The picturesque course's 250-foot drop in elevation, along with the unusual weather conditions on the mountainside, required installation of two separate irrigation systems. There are no pumps, and both systems tie into two 18-million-gallon water reservoirs nestled in the mountains high above Broadmoor South. The pull of gravity requires seven 8-inch pressure reducing valves to keep water from building up too much pressure within the main line.

Both irrigation systems contain more than 17 miles of flexible Certain-Teed pipe, 800 valve-in-head electrically activated sprinklers, and 85 miles of electrical cables.

Greens, tees, and fairways are watered via the primary irrigation system. It encompasses an underground polyvinyl chloride pipe network gradually ranging downward from "oversized" 12-inch to 2-inch capillaries. Due to oversized pipe, Clark said, he can water the course and syringe greens simultaneously without sacrificing water pressure.

The secondary irrigation system contains smaller 6-, 4-, and 2-inch polyvinyl chloride pipe. It enables Clark to water greens and tees during the winter while providing backup protection in case of prolonged power failure. Furthermore, since the system is looped and fed from two directions, Broadmoor South can be watered even when the main breaks.

Damage to greens at courses throughout Colorado Springs usually occurs in the winter and early spring when cold, dry winds parch plant crowns. Broadmoor South's greens are constructed of 85 percent sand blended with other organic materials. Although the specially-screened mixture meets USGA filtration standards, Clark added, turf on sand-base greens is even more susceptible to desiccation.

"That is why I wouldn't trade all the tea in China for my winter irrigation system," Clark quipped. "Sure, we could have squeezed by with an irrigation system costing $45,000 less, but initial capital outlay doesn't necessarily reflect the actual bottom line in this business. It's sometimes difficult to put a price on quality."