



INCREASE YOUR FLEET PROFITS?

SIMPLY MULTIPLY WITH CLUB CAR

APPROXIMATE ELECTRICAL AND BATTERY COSTS PER GOLFING ROUND FOR MOST ELECTRIC GOLF CARS.

	RESERVE LEFT IN BATTERIES	HOW MANY OF THE 400 CYCLES IN THE BATTERIES ARE EXPENDED?	HOW MANY CHARGES BEFORE BATTERIES MUST BE REPLACED?	ELECTRICAL COST OF CHARGING BATTERIES	COST OF LIFE REMOVED FROM \$20.00 BATTERY (\$120.00 A SET)
1 GOLFING ROUND (18 HOLES)	50%	1/2 cycle	800 charges	13.6 cents	15.0 cents
2 GOLFING ROUNDS (36 HOLES)	0%	2 cycles	200 charges	27.2 cents	60.0 cents
3 GOLFING ROUNDS (54 HOLES)	THE HEAVY GOLF CAR WILL NOT GO THREE ROUNDS ON ONE CHARGE				

Approximate electrical and battery costs per golfing round for CLUB CAR.

	RESERVE LEFT IN BATTERIES	HOW MANY OF THE 400 CYCLES IN THE BATTERIES ARE EXPENDED?	HOW MANY CHARGES BEFORE BATTERIES MUST BE REPLACED?	ELECTRICAL COST OF CHARGING BATTERIES	COST OF LIFE REMOVED FROM \$20.00 BATTERY (\$120.00 A SET)
1 GOLFING ROUND (18 HOLES)	83%	1/6th cycle	2400 charges	04.5 cents	.05 cents
2 GOLFING ROUNDS (36 HOLES)	66%	1/3rd cycle	1200 charges	09.1 cents	.10 cents
3 GOLFING ROUNDS (54 HOLES)	50%	1/2 cycle	800 charges	13.6 cents	.15 cents



The name of the game is PROFITS. The above charts document a cost of 87.2 cents in electricity and battery drain for two rounds of golf with any electric golf car other than CLUB CAR. Two rounds with CLUB CAR costs only 19.1 cents. This is a savings of 68.1 cents.

Only CLUB CAR can give both a second and third round without deep-cycling batteries to the critical point below which no golf car should be operated (1.210 specific gravity - 50% reserve) and the cost of electricity and battery drain on CLUB

CAR for three rounds is the same as for one round with any other golf car.

Are you tired of having to deep-cycle batteries to get a second round of golf, pulling them off the course at the end of the day or buying batteries too frequently? CLUB CAR will go 2-1/2 times further on a battery charge than will any other golf car and the batteries in CLUB CAR will last 2-1/2 times longer than they will in any other golf car. Move up in the profit picture. Call or write us for a CLUB CAR demonstration.

Club Car INC.

P.O. BOX 897 • AUGUSTA, GA. 30903

- Send technical bulletins: "How to Predict Golf Car Electricity and Battery costs per Golfing Round", "Care and Feeding of Golf Car Batteries", etc.
- We'd like a CLUB CAR demonstration.

NAME _____

CLUB _____

ADDRESS _____

CITY _____ COUNTY _____

STATE _____ ZIP _____

Limited Number of Distributorships Available. Write for Details.

ORIGINATOR OF THE 4-BAG GOLF CAR



CARMEL VALLEY GOLF AND COUNTRY CLUB

Located in Carmel Valley, California, along the banks of the Carmel River lies the beautiful Carmel Valley Golf and Country Club. An ideal golfing climate is enjoyed year around in this peaceful valley well away from coastal fog.

Inviting homesites are ringed by green fairways of the magnificent championship golf course and its ten sparkling lakes. Bordering the fourteenth fairway is Quail Lodge, the new deluxe resort hotel, located to view most of the club's 245 acres.

Shown below are, left, Edgar H. Haber, President and General Manager, and Kenneth A. Gardner, Club Manager, along with the fleet of sixty E-Z-GO golf cars.

Trojan Golf Car Batteries are used exclusively in the fleet here at Carmel Valley.



TROJAN
®

"MILEAGE MASTER" GOLF CAR BATTERIES

TROJAN BATTERY COMPANY • 9440 ANN STREET • SANTA FE SPRINGS, CALIFORNIA 90670

For more information circle number 199 on card

Graffis

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Pros who are golf directors at some of the larger clubs are appraising girls on the Ladies' Professional Golf Assn. circuit as possible staff members. Businessmen pros figure some of the girls have learned enough about all aspects of the business to be worth hiring. Such deals would net the girls considerably more than they'd make in prize money on the LPGA circuit.

Laurie Hammer now pro at Delray Dunes G&CC, Delray Beach, Fla. . . **Jeanette Rector** quits LPGA roadwork to be assistant to Jack Harden, golf pro at River Oaks CC, Houston, Tex. . .

George Corcoran now pro at Eagle's Mere (Pa.) CC, after winter pro work at Marco Island (Fla.) CC and Naples, Fla.

Harlingen (Tex.) CC getting new course and clubhouse. **Kirby E. McLain** is Harlingen's new manager. He was at Canyon Creek CC, Richardson, Tex., and Hillcrest CC, Bartlesville, Okla., and in USAF previously.

Women members of **Driftwood** G&CC, Bayou la Batre, Ala., where Telfair Ghioto is pro, showed other club girls how to get \$1 a member for National Golf Day. They set up a road block at the club entrance.

Jack Ellis, Los Coyotes CC, Buena Park, Calif., to succeed Paul Runyan as pro at La Jolla (Calif.). . . **Jim Harrison** building an 18 near Foxburg, Pa. Harrison's place will be known as Foxview—a golf and resort home development at an eye-pleasing site.

Golf House "West," 3740 Cahuenga Blvd., North Hollywood, Calif., opens as **Southern California GA** headquarters. Other space is being leased to PGA's Southern California section, Women's SCGA, GCSA Southern California chapter and Fore magazine.

Alex Sehlmeier, the oldest

active salesman in golf business, retired recently from Chanderlin Seed Company, Bound Brook, N.J. In 1922, Sehlmeier and the late John H. Melady wrote "Golf Turf," an operating manual for superintendents, which was a valuable classic for years.

Tom Crane, retired executive secretary of the PGA, is bouncing back from illness. His program of cobalt treatments to cure his throat was interrupted by a week

in a hospital for "cardiac insufficiency." And Tom with all the "heart" in the world! What a marvelous job he has done for the PGA and pro golf in general since he went with the PGA in 1940—one of the hardest-working, underpaid men in golf business. Pros, club and journeymen, who know what Tom's done for them, are writing him flocks of letters. His address: 673 San Roy Drive S., Dunedin, Fla. 33528. □

Better By Far

Better because it has a wide cargo bed with a fourteen inch loading height, golf-cart size, yet more maneuverable and economical—carries more, too!

\$1,325 POE



- Up to 50 MPG on regular gasoline.
- Takes steep grades with heavy loads.
- Rear engine makes for perfect balance.
- All parts available for immediate delivery.
- Enclosed cab affords complete safety.
- Hauls 1,000 lb. payloads.
- Easy-swinging, removable side gate.
- Independent 4-wheel torsion bar suspension.
- Lightweight, evenly distributed, won't harm fairways.



We also have a van that seats four, or fold-down the rear set and carry big loads, anywhere. Take a look at the truck and the van, good grounds for keeping your costs down. **\$1,397** POE

For more information fill out and send this coupon.

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of America, Inc.

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Pennsauken, N.J. 08109

Dept. D

Gentlemen:

Please send details of The Subaru Truck and Van.

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For more information circle number 226 on card

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ORGANIC



NITROGEN

tag to be sure
that the nitrogen you buy
is **NITROFORM**...
developed especially for
economical and efficient
feeding of turfgrass.

NITROFORM® is the organic nitrogen
that makes fertilizers go further.

Product Advantages

- Slow-release nitrogen.
- Nonleaching nitrogen.
- Easy-to-use powder and chip forms.
- Nourishes all types of turf.
- Builds a nitrogen reserve to sustain turf through the hot and/or cold weather.

Operating Economies

- Saves storage and handling with fewer bags needed to maintain nitrogen requirements.
- Fewer applications cut labor to maintain top-quality turf.
- Matures seedbeds fast, keeps turf healthy, with more efficient feeding and with fewer applications.



TURF & HORTICULTURAL PRODUCTS
HERCULES INCORPORATED
WILMINGTON, DELAWARE 19899

For more information circle number 258 on card

STH69-5R



Only one electric car can work all day and carry on all night.

No other electric car can pace itself over the long days, the long courses or the long seasons as well as this one. But then, no other electric golf car has Master Drive. This unique circuitry draws fifty percent less battery power in the lower speeds.

Other electrics must use full power all the time. Thus, our car's range is increased by fifty percent. Charging costs are minimized. And the batteries last long enough to be warranted over two years. This exclusive two-year warranty comes wrapped in

a good looking, reliable, easy to drive, profitable electric golf car. Get the full story, gas or electric, from the Harley-Davidson dealer in your area. Harley-Davidson Motor Co., Milwaukee, Wis.

Harley-Davidson

Cutting Height as Low as.... **3/8"**
 Frequency of Cut as Close as.. **1/2"**

10 BLADE HIGH SPEED REEL: For the finer groomed creeping Bent in the North and the new improved fairway Bents and Bermudas in warmer climates.

EVEN DISTRIBUTION OF CLIPPINGS: With new scraper deflector, grass clippings are evenly distributed, eliminating bunching, dropping and windrowing.

AVAILABLE in Hollow Roller or Rear Wheel Drive. 3, 5, 7 and 9 gangs.

PREVENTATIVE MATTING AND THATCH CONTROL: Presents a preventative control of thatch and matting by cutting as low as 3/8 inch with a 1/2 inch frequency of cut.

ELIMINATES SCALPING ON MOUNDS: The 26 inch cutting swath of each unit gives greater flexibility. No "ribbed appearance." Smoother, more uniform cut.

Gives Putting Green Appearance to Fairways, Aprons and Tees!



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FIRST IN MOWING PERFECTION

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AUTOMATIC GOLF COURSE IRRIGATION

CONSULTANTS
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For permanent
 underground
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 we use

**Johns-Manville
 TRANSITE
 Asbestos-Cement
 IRRIGATION PIPE**



For more information circle number 188 on card



**Answers
 to turf
 questions**

by Fred V. Grau

Wear and tear on turf

To stem the rising tide of synthetic turf we must know much more about the wear-and-tear capabilities of a certain grass or of a mixture of grasses. We must know the contribution of the soil mixture (sandy-clayey-loamy), of the factor of the kind and the amount of fertilizer used, of the way the turf is watered and the way it is mowed and managed. We have at our command sophisticated machines, fertilizers, irrigation systems, but do we know how to use them in a coordinated program to give turf maximum wear-and-tear potential?

A limited amount of attention has been given to this phase of turfgrass management but critical research data seems to be lacking. Special "treading" machines have been developed and used to simulate foot traffic, but we contend that nothing takes the place of actual foot traffic to which turf is subjected in the popular tourist centers.

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Before snow mold does this—

Stop it with Tersan® OM

There's no need to let snow mold damage your turf in late winter and/or early spring. The sure way to prevent this disease from developing is with a late fall spraying of Du Pont "Tersan" OM.*

"Tersan" OM, a mercurial-organic sulphur combination, is time-proven, thoroughly tested, and provides long-term residual protection. It has a large safety factor to turf under all conditions.

Here's how to prevent snow mold from striking:

apply 8 ozs. of "Tersan" OM per 1000 sq. ft. as late as possible prior to snowfall. Follow with 3 ozs. per 1000 sq. ft. in early spring during freezing and thawing.

For full information on "Tersan" OM and other dependable Du Pont Turf Products, consult your golf course supplier... your service agency.

*"Tersan" OM combines the protective features of "Tersan" 75 with the eradicant advantages of Semesan®

With any chemical, follow labeling instructions and warnings carefully.

For more information circle number 254 on card



Better things for better living...through chemistry

Take the comfortable approach... the new Westinghouse electric golf car.

Tour the course in comfort in the new Westinghouse Model 435 golf car. Its powerful traction rated 4½-hp motor flattens out the hills. You sit on extra-comfortable, full-width, adjustable cushioned seats. Clubs are safely stored in an upright rack. Steering is

quick and easy, and the oversized tires hug the turf like a sports car. Starts are smooth and jerk free.

There are lots of other par-breaking features too: the body panels bolt on, for easy replacement or maintenance. You get a reliable automotive-type differential, pedal-operated service brake and handset parking brake.

This powerful little pro is as easy to take as a gimme putt. For more information, write Westinghouse Electric Corporation, Electric Vehicles Dept. 9557, Box 868, Pittsburgh, Pa. 15230.

J-95025



You can be sure... if it's **Westinghouse**



Grau

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One such tourist center is Longwood Gardens located near Kennett Square, Pa., where visitors (no admission charge) are encouraged to walk on the turf while admiring many of the horticultural displays. (Visitors now number more than one million a year.) Recently director Siebert of Longwood met with representatives from The Pennsylvania Turfgrass Council and The Pennsylvania State University (Dr. Joseph Duich, Dr. Herb Cole, H.O. Wilcox and Dr. Fred Grau) to explore the possibilities of solving some of the turf problems through a coordinated program of practical research. Out of the discussion there grew one very practical idea: Grow the finest sod of the best grasses in a no-traffic area, then lay the sods in the areas where traffic is heaviest. In this way the lawn-loving public would help to determine the development of the most wear-resistant turf in which they would participate for the *second* time when they choose the grass for their own wear-and-tear areas.

We did this in a limited way at Beltsville more than 20 years ago. The representative of a shoe manufacturer and I donned the company's shoes (spiked soles vs. corrugated rubber soles) and walked forth and back (one must go forth before he can come back) until there was very pronounced damage to the turf. At this point it is not pertinent as to which grass was sturdiest or whether the spikes or the rubber soles came out on top. The point is, the damage was inflicted by people walking, not by an inanimate machine.

We do not know how many "live" wear tests are active in the United States. We do not yet know if a "live" test will be operative at Longwood Gardens. But we have not seen a better potential "action laboratory" than the mowed turf adjacent to the vege-

table gardens. Information relative to such tests in progress in the United States shall be welcomed.

Q.—Recently we have seen an article referring to a popular ground-cover plant as "a complex vicious weed threat." Are not some of our best turfgrasses classed as "weeds" under some conditions? Are there other eco-

nomic plants that become "weeds"?

(Ohio)

A.—You have touched on a complex subject, which is capable of considerable interpretation. Bermudagrass, one of our best turfgrasses, always has been classed as a weed in corn and cotton fields. Maryland denotes bermudagrass as a noxious weed.

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SOW and STAND BACK!

When you overseed with Annual Ryegrass that's a good idea because its growth is **really rapid!**

Under ideal conditions Annual Ryegrass will germinate in just a few days although 6 to 14 days is considered normal.

Annual Ryegrass may be used alone or in a mixture. It is normally part of an overseeding mixture because of its ability to produce quick color while the slower starting seeds are becoming established.

When sown alone Annual Ryegrass is normally seeded at the rate of 10 lbs. and up per 1000 sq. ft.

Annual Ryegrass is also considered a "tough" grass and will stand up to overtreading.

Why not make it part of your overseeding program? It's a proven performer.

For a free brochure on "What You Should Know About Oregon Ryegrass" write to: OREGON RYEGRASS GROWERS SEED COMMISSION

Department 1 / Suite One / Rivergrove Building / 2111 Front St. N.E. / Salem, Oregon 97303

KEEP THE WORLD GREEN



WITH OREGON RYEGRASS

For more information circle number 248 on card

**Maybe your
Poa annua
won't brown
out. Maybe the
summer will
be a cool one.
Maybe you'll
be lucky.
Maybe.**

Balan stops Poa annua.

**Keeps Poa annua seeds from
germinating while good turf
fills in. And no maybes.**



Maybe Dr. Jekyll won't turn into Mr. Hyde this summer. But why gamble when you've got the surest answer yet to controlling Poa annua (annual bluegrass)?

Balan granular not only stops Poa annua, but most other annual weed-grass problems. Crabgrass, goosegrass (crowfoot or silver crabgrass), watergrass (barnyardgrass) — all stopped economically and dependably with a high degree of safety.