

What do you get when you buy a Hand-Shovel Fed ROYER?

By STAN DAVIES

President, Royer Foundry & Machine Co.

Let's assume you've decided that better soil shredding, mixing, blending and aerating will be a major step forward in improving your operation. Now, what make shredder shall you buy?

Here is what ROYER has to offer:

Efficiency. Soil or compost tumbles until it is completely shredded. Royer's exclusive belt shredding principle makes it impossible for large unbroken lumps to feed under the sweep fingers (1). Thousands of users testify to the superiority of Royerated materials.

Capacity. Royer manufactures a full line of shredders to meet any need. In Hand-Shovel Fed Models we offer a choice of 5, 8 or 12 cubic yards per hour. Too large a machine wastes power; too small a machine wastes time and labor.

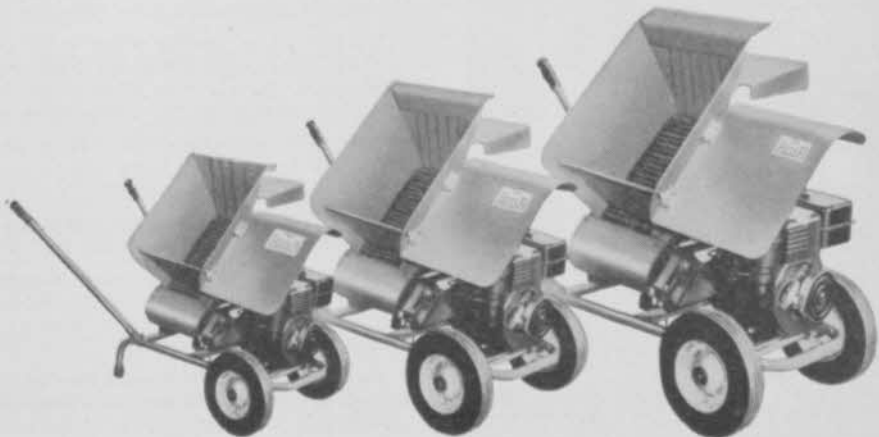
Intelligent Design. Compare our: tubular steel frame, for rigidity without weight (2); ample size hopper, low enough for easy shoveling (3); large, semi-pneumatic tired wheels for portability (4); adjustable deflector for regu-



lating discharge (5); large sealed-for-life bearings for trouble free operation (6).

These are the highlights. For complete specifications on Royer Models 8, 10 and 12 Hand-Shovel Fed Shredders, write today for Bulletin NS-60. We'll include the name of your local Royer Dealer, who will be glad to demonstrate the exclusive Royer principle.

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CONTAINER DEVELOPMENT CORP.
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CC, between Boca Raton and Delray Beach, Fla. . . . Wm. F. Mitchell is architect . . . Orchard Hill CC to build 18-hole private course in Middlefield, Conn. . . . Geoffrey Cornish is architect.

Paul Ludolph, San Francisco, starts building 9-hole course on 200 acre subdivision 9 miles east of San Andreas, Calif. . . . Open first 9 of Rozella Ford community course at Warsaw, Ind. . . . Don Dustin is supt. . . . Wm Craig is mgr. . . . Pres. Julien Roddenberry, jr., says 9-hole Cairo (Ga.) CC will open in Sept. . . . Leon A. Katz, who developed Brentwood (N. Y.) CC proposes to add second 9 to Somers (N. Y.) CC and convert it into a private club.

Elms GC, Pulaski, N. Y., bought by Robt. Tully and Frank Pizzuto, local school teachers, from John T. Howard and wife, Hagerstown, Md. . . . Reno Fechtner heads group planning to rebuild Silver Lake CC, Laona, Wis. . . . Silver Lake was abandoned some years ago . . . Edward T. Dwyer Corp., Weymouth, Mass., plans to build 9-hole course at Norwell, Mass., to plans of Samuel S. Mitchell, Canton.

Tuscon, Ariz., sells bond issue, part of which will finance another 18 at Randolph

Announcing a new, quieter

PHOTO AT CONGRESS LAKE CLUB, HARTVILLE, OHIO, SHOWS SUPT. CARL S. SPRINGER WALKING THEIR LO-BLO BACKWARD, QUICKLY CLEANING A TEE OF AERATION PLUGS.



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keeps courses tidy year around, handles the leaf problem, permits play all thru Fall Season.

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ALSO AVAILABLE — Flexible Hose Attachment to clean hard-to-reach places & Course Equipment, AND A SNOW BLOWING BLADE THAT REALLY WORKS!

If you haven't seen this versatile machine, write or call and we will arrange a demonstration for you.

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Only Aero-Thatch completely
reconditions turf . . .
relieves Thatching,
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the CHIA* way

In just minutes you can recondition the turf on greens . . . give them better aeration, better chance for continued healthy growth. The Aero-Thatch, using never before developed principles, completely cultivates the soil . . . without disturbing the surface greens. Call your dealer for a demonstration today, or write for additional information to:

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CORPORATION

NEW BRUNSWICK, N. J.
Skokie, Ill. Belleville, Ont., Canada

Park, build clubhouse there and install automatic irrigation system . . . Cecil and Pete Watson open their 9-hole Green Hills course at Lugoff, S. C. . . . Cecil is mgr. and Pete is supt. . . . Begin work on Buckingham CC, near Garland, Tex. . . . Roanoke Development Co., is developer of the project . . . Cliff Cassidy, jr., is Buckingham pres. . . . Don January will be its pro . . . Club will have two conventional 18s and a lighted Par-3, 9-hole course.

Maurice Newell opens his 9-hole Whitefish Lake course near Pierson, Mich. . . . Garden City CC, feature of retirement-age community being built in the Harquahala Valley, 60 miles west of Phoenix, under construction . . . Gillon B. Cooper, Phoenix real estate dealer is pres. of Garden City . . . A dozen more "retirement age communities" have been announced during the past few months and each one makes its golf course a strong selling point.

Hal Thomas, Valley Station, Ky., contractor is pres. Sun Valley CC which has begun construction of 9-hole course . . . Bob Kirchdorfer will manage the club . . . Ste. Genevieve (Mo.) CC opens its new
(Continued on page 60)

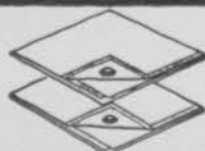
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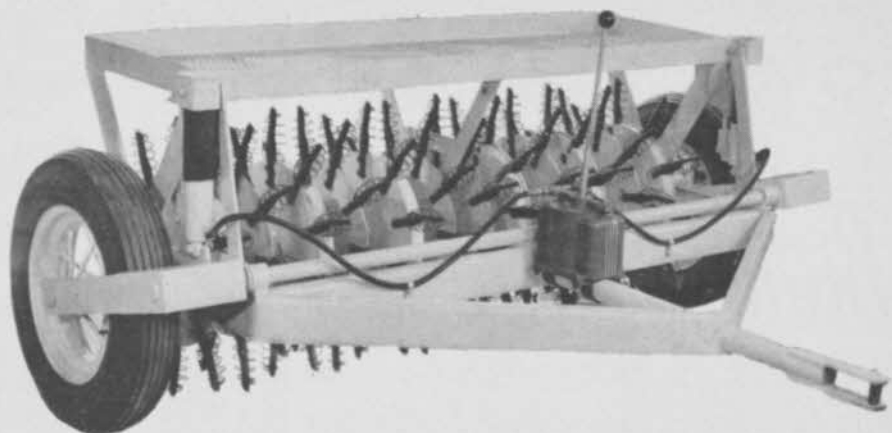


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WRITE FOR CATALOG

PAR AIDE PRODUCTS COMPANY

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Whether your fairways require routine conditioning or a drastic "scorched earth" program, the turfgrass tool which can do the most for you this fall is the Grasslan Aerifier. Rugged, dependable and effective, the Grasslan is built for large acreage aerifying. Its 6 ft. width means fast coverage. Its rigid construction means full coverage. Not only does this rigid construction ensure penetration of Spoons into heavily compacted areas, but the tray holds extra weight as needed.



Hydraulic control provides fast lowering and raising of Spoons.

Cultivating Action

Only West Point Aerifiers bring fairways the all-important cultivating action through movement of the Spoons beneath the surface. Don't let your fairways miss this vital treatment in 1960!

New Flexi-Press

New, narrowed-neck Flexi-Press hug the Spoons to prevent turf-tearing. Now made in sizes to fit the ½" Heavy Duty and the ¾" and 1" Spoons. Use the new Flex-Press for trouble-free areification this fall!

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... see what 50 famous clubs have already found out for themselves. Every page a case history of how these clubs have benefitted by putting proven "Quality 282" in pro shops, locker rooms, lounges ... throughout! Send for your copy, and benefit yourself!



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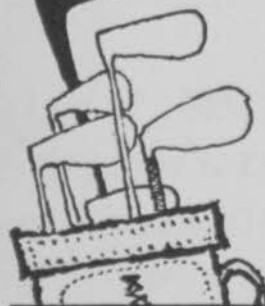
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Country Clubs Suffered from HCL in 1959

- Net Operating Costs Up
- Depreciation Write-Off Down
- Payroll Ratio Increased
- Maintenance Expenses Higher

The nation's country clubs are suffering from the high cost of living just as Mr. John Q. Public, who, in many instances, might like to belong to one of them if only he had a little more money left over at the end of each month. According to the 11th annual study of country club operations prepared by Horwath & Horwath, New York, accountants and consultants, only the large country clubs had dues available for members' equity in 1959 but, in comparison with 1958, only the small clubs showed an improvement in operating results.

The 52 clubs, located near 38 principal cities, that supplied operating data for the study were divided into the following groups:

11 small country clubs, each with membership dues income of under \$100,000;

27 medium-sized country clubs, each with membership dues income of between \$100,000 and \$200,000 (including regular assessments in five clubs);

12 large country clubs, each with membership dues income of between \$200,000 and \$400,000 (including regular assessments in four clubs); and

2 very large country clubs, each with membership dues income of over \$400,000.

Higher Operating Costs

Net operating costs were higher in 1959 in all three groups of clubs. Thus, both medium-sized and large country clubs had smaller amounts of dues available for depreciation as total fixed charges rose in the same proportion as total dues and assessment income in the medium-sized clubs, and in an even greater proportion in the large clubs. Only the small clubs had a decrease in fixed charges and thus made a better showing than in 1959. Nevertheless, the large country clubs had 13 per cent of dues available for depreciation in 1959, while the medium-sized clubs had only 4.8 per cent of dues available for depreciation, and the small clubs 4.4 per cent.

Rehabilitation Expenditures Decline

The average depreciation charges were higher than in 1958 in both the small and medium-sized clubs but lower in the large clubs. Rehabilitation expenditures and/or reserves were down sharply in all three groups of country clubs. However, after adjustment for the heavy rehabilitation and improvement programs in several clubs, only the small clubs showed a con-

This report was written by Joseph H. Nolin, member of the firm of Horwath & Horwath, accountants and consultants, New York.

Golf Course and Grounds Expense

Prepared by Horwath & Horwath

	COST PER HOLE					
	11 Small Country Clubs (Dues under \$100,000)		27 Medium Country Clubs (Dues of \$100,000-\$200,000)		12 Large Country Clubs (Dues of \$200,000-\$400,000)	
	1959	1958	1959	1958	1959	1958
Greens and ground maintenance						
Payroll	\$1224	\$1169	\$1911	\$1814	\$2259	\$2001
Supplies and contracts	419	372	510	487	462	390
Repairs to equipment, course buildings, fences, bridges, etc.	154	141	200	172	296	255
Water, electricity & other expenses	64	65	130	117	209	176
Total maintenance exclusive of fixed charges	1861	1747	2751	2590	3226	2822
Golf Shop, caddy and tournament expenses	282	252	358	329	452	433
Total	2143	1999	3109	2919	3678	3255
Deduct greens fees	429	353	711	721	567	486
Net golf course and grounds expense exclusive of fixed charges	\$1714	\$1646	\$2298	\$2198	\$3111	\$2769

siderable drop in the average ratios to dues.

Dues and Entrance Fees

Thirteen clubs reported increases in the annual dues per regular member over the preceding year while ten of the clubs raised the initiation or entrance fees charged to regular members.

Payroll Ratio

In both large and the medium-sized clubs, total payroll rose in even greater proportion than total income, including dues and assessments. In the small clubs the increase in total income effected a decrease from 1958 in the average ratio of total club payroll to total income. Moreover, in 1959, payroll represented only 37.5 per cent of total income in the small country clubs, in contrast to 39.7 per cent in the medium-sized clubs and 40 per cent in the large clubs. The low payroll ratios of the small clubs resulted in the highest departmental profits and, consequently, in the lowest net cost of clubhouse operations.

Although the small clubs also had the highest restaurant profits, as measured both in ratio to total dues income and to total food and beverage sales, this group was the only one to record a decrease in restaurant profits from the preceding year. Increases in the beverage cost per dollar

sale and the restaurant departmental payrolls over 1958 more than offset a reduction in the food cost per dollar sale in the small clubs. The restaurant departmental profits of the medium-sized clubs showed an improvement in ratio to dues but no change from 1958 in the ratio to total food and beverage sales. There were rises in both the food cost per dollar sale and the ratio of departmental payroll to sales but a reduction in the beverage cost per dollar sale of this group. The departmental profits of the large clubs were better in 1959 because of decreases in both food and beverage costs per dollar sale and the ratio of the departmental payroll to total food and beverage sales.

While in ratio to total dues income, the small clubs naturally had the highest food, beverage and total sales and other income, the medium-sized clubs had the highest average sales per member.

Course Maintenance Up

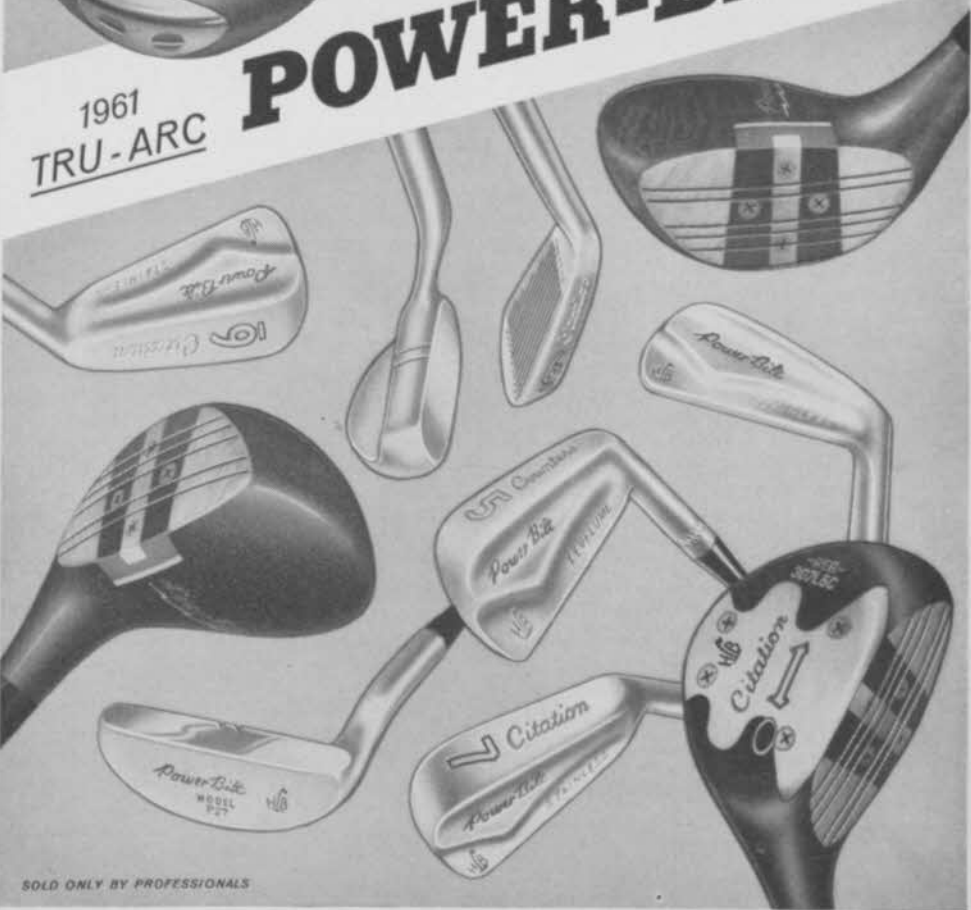
The gross maintenance cost of golf course and grounds was higher than in 1958 in all three groups of country clubs. In ratio to total dues income, the gross maintenance cost in 1959 was 43.9 per cent in the small clubs, 38 per cent in the medium-sized clubs and 26 per cent in the large clubs, compared with 43.4, 37.1 and 25.2 per cent, respectively, in the preceding year. Although the small clubs spent

(Continued on page 67)



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1961
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New Highs for Golf Play on Eastern Public Links

By HARRY C. ECKHOFF
Director of Eastern Region
National Golf Foundation

Many Eastern municipal courses have had their heaviest play in history this season. As of July 31st, 174,336 rounds of golf had been played on Baltimore, Maryland's 90 municipal holes. Total for the same period in 1959 was 155,783. Says L. E. Myerly, supt. of parks, "We have five 18-hole courses in operation and each has registered a gain this year."

Philadelphia reports a total of 157,058 rounds played on its five 18-hole courses for the first seven months of 1960. This compares to 152,523 for the corresponding 1959 period. According to William Capman, secy. to the city park commission, total receipts for 1960 to July 31 were \$204,833, and for the same period in 1959, \$145,413. Increase in revenue is due largely to an advance in daily green fees that became effective Jan. 1.

New driving range and miniature course were opened to the public at Philadelphia's Cobb's Creek course in Aug. Philadelphia now has four driving ranges and 18-hole miniature golf courses in operation under the jurisdiction of the Fairmount Park commission. The city has a plan of placing city owned property on bid for a lease arrangement to concessionaires for construction and operation of public driving ranges and miniatures. The leases run for six years with options to renew for four more. Concessionaires are required to build and operate facilities according to specifications provided by the city. On expiration of the lease arrangements, facilities revert to the city.

More Play at Westchester, Bethpage

Westchester County, New York, and Bethpage State Park (Long Island, N. Y.), both of which operate five 18-hole courses, report gains in play for the first seven months in 1960 over the same period for 1959. Says Joseph H. Burbeck, supt. of the Bethpage operation: Play on the five Bethpage courses for Jan. 1 — July 31 totalled 173,922 rounds, an increase of 11,119 over the same period in 1959". Westchester County's play for the same periods was: 1960 — 167,451 rounds; 1959 — 158,685. Gains were reported for each of its five courses.

72,576,000 Reasons for Compaction

Charles J. Cogan, green chmn. at Irvine Coast CC, Newport Beach, Calif., recently cleseted himself with a computer and came up with 72,576,000 reasons why greens become compacted. A total of 6,000 rounds was played at his course in a recent month and the compacting effect of this number of players was computed in this fashion:

One player with 24 cleats averages 28 paces per green;

28 paces per green X 24 cleats equal 672 impressions;

672 impressions x 18 greens equal 12,096 impressions;

12,096 impressions x 200 players equal 2,419,200 impressions;

2,419,200 impressions x 30 days equal 72,576,000 impressions

Rochester, N. Y., reports a total of 58,212 rounds played on its Genesee Valley and Durand Eastman courses during the first seven months of this year. Play for the same period in 1959 was 59,265. The slight decrease is attributed to a rainy spring season. Ely Park, Binghamton's 18-hole links also report a slight decrease for the first seven months of 1960. Says Ernie Smith, Ely Park pro-mgr: "Our play at Ely Park is a few hundred rounds behind 1959 due to our having opened one week later and because of 32 partial or total days of rain. Income is up slightly due to a 25 cents per round increase in green fees. Income as of July 31st was \$24,598.00 as compared to \$24,548.00 for 1959." The city council has approved an expenditure of \$160,000 for a new clubhouse for Ely Park which probably will be completed for the 1961 season.

Encourages Junior Play

Troy (N. Y.) reports receipts of \$16,054 for its 9-hole city course for the first seven months of 1960. It was \$14,563 for the same period in 1959. According to William Carley, supt. of recreation, junior golfing members jumped from 120 in 1959 to 230 in 1960. Troy has a junior season membership good on weekdays for only \$5.00. Regular daily green fees are \$1.00 on weekdays and \$1.50 on weekends.

Florida Turf Conference

Florida Turfgrass Assn. will hold a conference at the University of Florida, Gainesville, Sept. 14-16.