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FOR BIG AREA MOWING . . . and for Life

ATCOGANG MOWERS

There are three models available. The popular general-purpose model No.1; the heavy-duty No.2; and:

The MODEL No. 3 with these star features:

- ★ Special two-section gearbox makes cutter changing a moment's job no stripping!
- ★ 10" Heavy-duty cutter unit of advanced design for outstanding cutting and clearing efficiency.
- ★ Even less time needed for maintenance For example: oil bath changes, ONCE A YEAR only!—making more time for mowing!
- ★ Full width rear roller for fine turf mowing— Easily attached and detached to suit varying conditions.

Atco Gang Mowers are only some of the many machines in the Atco complete range, from the 12" to the 34" roller type, as well as rotary grass cutters and side-wheel mowers.

PRICES FOR TRIPLES RANGE FROM £330



LET ATCO WORK FOR YOU!

The best way to appreciate Atco mowers is to see them at work on your own turf. Demonstrations of any model can be arranged for any time at your convenience. and perhaps
most important of all...
IMPECCABLE SERVICE

EVERYWHERE there is an ACTO Engineer attached to an ATCO owned Branch ready to advise on any problem in connection with grass cutting.

GREENKEEPER

HON. EDITOR: F. W. HAWTREE



FOUNDED 1912

PUBLISHED MONTHLY FOR THE BENEFIT OF GREENKEEPERS, GREENKEEPING AND THE GAME OF GOLF BY THE BRITISH GOLF GREENKEEPERS ASSOCIATION

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The Association is affiliated to the English and Welsh Golf Unions.

No. 275 New Series

FEBRUARY-MARCH 1968

If you think it's hard to meet new people, pick up the wrong golf ball.

-ROQUA WASSAM.

FEBRUARY-MARCH

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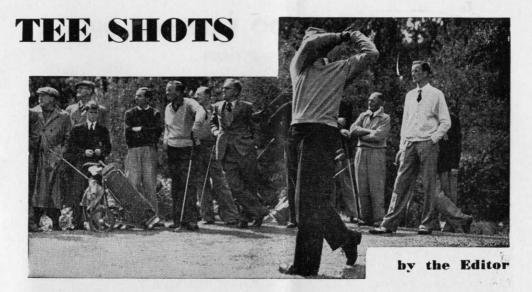
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GREENS HY-RANGER
GREENS RANGER TRAILED GANG MOWERS
GREENS VERGE MASTER 30"



Work is expected to start this year on building a new clubhouse costing £47,000 at the Maxstoke Golf Club in Warwickshire. This Club was one of the first to move out of the built-up area of Birmingham soon after the last war into a pleasant rural site to the east of Coleshill. So far, the Club has housed itself in the old coach houses in the moated Maxstoke Castle and the new site will bring the clubhouse into more intimate relationship with the golf course.

The West Indies are still building more golf courses to meet the needs of their growing tourist traffic. The Bermuda Government has begun a new one million pound Port Royal Golf Course and the Martinique Tourist Board is building a new fr. 8,500,000 hotel with a golf course attached, near Diamont. The first part started in August should be finished in 1968 with 80 rooms, five bungalows of two bedrooms each, a swimming pool and a nine-hole golf course.

Sand has been drifting from the West Beach at Lossiemouth on to the first fairway of the Moray Golf Club. Mr Innes Mathieson, the Club Captain, is arranging a meeting with the Lossiemouth Town Council to discuss the problem.

Outline planning permission for an 18-hole golf course on 90 acres at Dibden, near Hythe, has been granted by the New Forest Rural District Council. The land has views over Southampton Docks and the New Forest. The owners, Property Developments (Southampton) Ltd, will get the final layout, which may include a floodlit driving range approved by the planning authority, and then put the project in the market in the hope of attracting prospective purchasers.



CLUBE DE GOLF DO VALE DO LOBO

by C. J. R. PITMAN

(Head Greenkeeper)

GIR RICHARD COSTAIN, being a visitor to Portugal regular especially to the sundrenched area on the south coast that is called the Algarve, and also being a scratch golfer, mused to himself one day, "What a lovely district in which to have a golf course". He set about finding a site and an architect and shortly came up with the dramatic Vale do Lobo (Valley of the Wolf) area situated 15 miles west of Faro and an international airport. For his architect he chose his old school friend, Henry Cotton, M.B.E., and together they laid the first plans of his dream.

Now, at the end of 1967, the course is almost completed but unfortunately Sir Richard Costain did not live to see and play it. He died in March 1966.

I was enrolled and brought out to the Algarve in December of that year to work as head greenkeeper and, having only twenty-four years in all and six years in the golf world behind me, I was rather bewildered at how I had been so lucky as to have won this chance. However, Mr Cotton said to me: "You can do this job as well as any older man who has twenty years' experience behind him. You will find the conditions out there very different from greenkeeping in the U.K. and your work at Richmond."

How I was to find out the truth in those words.

Vale do Lobo is a championship layout with a total length of 7,030 yards. Having four par 3's and five par 5's (one of 600 yards) it is set on the coast and winds pleasantly through fig, olive, cork, pine and eucalyptus groves. The short seventh hole is particularly spectacular as your tee shot is fired out over the cliffs to a tightly bunkered green some 200 yards away. On leaving this hole we walk to the high elevated eighth tee and drive out across a valley to play alongside the new luxury Dona Filipa Hotel that Costains have built for Trust

Houses. The course has been constructed in two halves because of land purchase problems and so I was to be in charge of the already seeded first nine holes until the second half had been constructed and was ready for seeding.

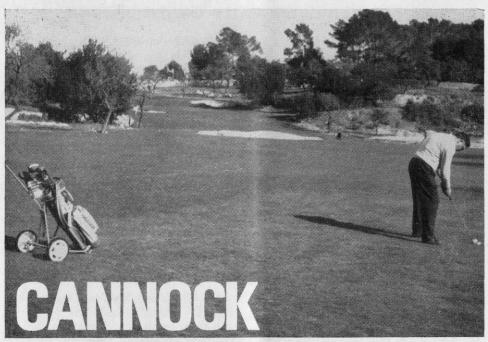
Most of the natural terrain is almost pure sand having very little plant food qualities and obviously unable to hold any water at all, and so some 12 inches below the excellent but imported top soil on the greens and tees an artificial impermeable clay barrier was constructed. This is working extremely well in holding moisture and so less is required from the irrigation system.

Of course we could not line the fairways with clay and so, frighteningly, consume a gigantic amount of water. However, we have installed the pop-up sprinkler set up on all parts of the course which is proving a necessity in this part of the world for most of the

vear.

The greens on the first nine holes sown just before I arrived in October 1966 with the Penncross Bent, and the tees and fairways with a hard-wearing mixture of Festuca Rubra, Agrostis Alba and the Cynodon Dactylon. In fact the greens were sown at two ounces per square yard which is far too great a rate for Penncross because of the fine quality, creeping power and of the amount of seeds to the pound. Penncross makes wonderful greens but when too thick is very susceptible to fungus attack. As a result of the thick sowing there were many outbreaks of Dollar Spot and Fusarium and so, without knowledge of what types of fungicides were available, I set about finding the answer as my first task and finally we finished up with a crop fungicide which was based on zinc. Now we have found a good mercuric product and are spraying the Penncross once every two weeks as a preventative.

(Continued on page 12)



Son Vida Golf Club, Majorca This beautiful new golf course was produced entirely from Cannock Seeds

GRASS SEEDS

TESTED FOR PURITY BLENDED TO PERFECTION

Overseas, as at home, professional greenkeepers, groundsmen and gardeners rely on Cannock Seeds and Fertilisers to create and maintain immaculate, healthy turf. In Cannock Mixtures, the finest strains available are thoroughly tested for purity and germination before being blended.

Individual strains can also be supplied on request, or mixtures made to your own prescription.

The relatively small extra cost of incorporating a suitable fertiliser in the seed bed will be amply repaid, for example:—

Organic Lawn Fertiliser is an excellent pre-seeding powder fertiliser for spring use with fine seed mixtures, especially recommended for golf and bowling greens, fine lawns—also for tennis courts and cricket squares where only the best is desired. It contains the three major plant foods in correct proportions, designed to feed the young grass over an extended period.

G. K. 3 is a very versatile **granular** fertiliser, suitable for both pre-seeding and top-dressing, thus simplifying stocking problems and cost budgeting. It has a well-balanced plant food ratio of $1:1\frac{1}{2}:1$, as frequently recommended by The Sports Turf Research Institute.

Big savings on bulk purchase. Please send for the 14th edition of "Green Keeping" containing full details of all Cannock laboratory tested fertilisers and grass seeds, and price list.

THE CANNOCK AGRICULTURAL COMPANY LIMITED, CANNOCK, STAFFS.

Fertiliser Manufacturers and Lawn Seed Specialists since 1861.



FIFTY YEARS OF GOLF GREENKEEPING

FOR a man who has been clouted, not once but many times, by a misguided golf ball, Mr Frank Gillett takes a remarkably kind view of the game. But golf, in spite of its painful moments, has not been bad for him. It has been his bread and butter for nearly 50 years.

And now, after that long familiarity with the rough and the greens and the fairways, Mr Gillett is leaving the links. He is getting on for 70 and next month this head greenkeeper at Parkstone Golf

Club retires.

"I suppose I could go on for another 10 years if I wanted to but I think it's time to pull out and make way for a younger man," said Mr Gillett, who lives within driving range of the club at 30 Lilliput Road, Parkstone.

He is a fit, hardy man with a spring in his step. A cheerful man. These are attributes which must owe something to his job—a job that involves long hours every day in the fresh air and many miles of walking. "I couldn't stand an

indoor job," he said.

Married, with one daughter and two grandchildren, Mr Gillett has never had much time for playing golf. "Years ago when we had 30 or 40 caddies here I used to get in an occasional round—the groundsmen used to take on the caddies—but really I prefer gardening to golf," he explained.

Followed Father

Mr Gillett, who served with the 5th Dorsets in the First World War, joined the outside working staff of Parkstone Golf Club in 1919. His father was already on the staff and later became head greenkeeper. He carried on until he was 79. "I also had a brother working here for a time," he recalled.

In the old days the ground staff knew most of the members, if only by sight, but today with so many more players around things are different. Working conditions, of course, are better with mechanical equipment contributing much to take the backache out of the job.

Among the famous people Mr Gillett has met on the course were Lloyd George and Ramsay MacDonald.

Humble Cottage

Mr Gillett was born in a humble cottage in Lilliput Road—the cottage is still there but it is no longer humble. Its desirable position, close to the golf course, and the extensive renovations carried out to it, have long since removed it from the category of working class dwellings.

However, as his present home in Lilliput Road is also close to the golf course he will be able to keep a friendly eye on those green acres of Parkstone in his retirement. And if ever he feels in the mood to swing a club or make a drive for the nineteenth hole, he won't have far to go. There will always be a

welcome there for him.

(With grateful acknowledgments to the "Evening Echo", Bournemouth, 17th November 1967)

everything for the Golf Course Turf cutting machines. Flagstaffs and Flags. Hose reels. Tee Mats. Mud brushes. Drag brushes. Sprinklers. Gang rollers. Harrows. Line Markers. Tools. Machines of all types for everything concerned with Golf courses.

Send for catalogue.



H. PATTISSON & CO. LTD. STANMORE MIDDLESEX Telephone: 01-954 4171

PATTISSON TRACTOR RETIRES AFTER 42 YEARS

Littlestone Golf Club, Littlestone, New Romney, Kent. 21st December 1967.

Dear Sirs,

We have a motorised cart purchased from you in 1926 which is still in daily use. The model is the one which starts on petrol and then the engine runs on T.V.O.

The two back wheels are of iron studded

with spikes.

We are planning shortly to take this faithful piece of Club equipment out of daily use and rather than see it rust away in a quiet corner of our workshop area, I thought we should first of all write and see whether you might possibly like the vehicle back as an example of the length of service given by equipment supplied by your good selves.

Yours faithfully,

Secretary.

[Messrs. Pattisson's inform us that they are going to collect it and restore it for preserva-

tion purposes.

The tractor was made in 1925, and sold to Littlestone Golf Club for £97 10s. 0d., and is still working. One wonders how many modern tractors will still be in "daily use" after the next 42 years. Up to, and for a while after the last war, the Pattisson Golf tractors were unbeatable for their work, and would be today if the same components were available to build them as they used to be made. Many a Greenkeeper still asks "why can't we have a Golf Tractor like the pre-war ones". There are still some old ones doing faithful service, although spares are now non-existent.]

FOR HIRE

AVAILABLE FOR HIRE, WITH or without operator, Ryan turf cutters, Ryan Ren-O-Thin rotorakes, Ryan Greensaire aerators, Sisis heavy-duty spikers, Howard rotavators, excavating and drainage machinery. Coswells, Agricultural and Sportsground Contractors, Croston Road, Farington, Leyland, Lancs. Telephone: Leyland 21243.

MISCELLANEOUS

PROFESSIONALS AND GREENKEEPERS having stocks of used golf balls contact Sparkbrook Golf Ball Co., 295 Highgate Road, Stoney Lane, Birmingham, with a view to filling export orders.



HON. SECRETARY'S NOTES

Annual Tournament

A reminder to members wishing to make arrangements for the 1968 Tournament, it will be held at the Seacroft Golf Club, Skegness, on the 12th, 13th and 14th August.

Executive Committee Meeting

A meeting of the Executive Committee has been arranged for Saturday, the 16th March 1968, at the Imperial Hotel, Birmingham, commencing at 12 noon.





STEWART'S FINALAWN BRUSHES FROM 47/6

STEWART & CO., SEEDSMEN LTD. EDINBURGH, 2



may I help you?

Dear Bert,

I don't think my turf likes me any more. We got on fine all last summer and I was receiving congratulations from all over. I found it most encouraging and had great hopes for 1968.

Now I am not so sure. Though I work my turf pretty hard, it doesn't seem to be responding in its usual way to my kindness. What advice can you offer?

Yours.

"Worried Groundsman"

Dear Worried Groundsman.

Are you being kind enough? For example, did you reward your turf's hard work last summer by cosseting it in the autumn? You know you can't expect your relationship to be a happy one if it's all "take" and no "give".

My advice to you is to start thinking now about how you are going to treat your turf this coming Spring-because I'll bet it's been getting stick

all winter.

There's an organisation devoted to helping such cases. Why not write to Berk now for a Catalogue of turf treatments? Their products are excellent and very reasonably priced. What's more Berk have a team of specialists who will advise you on the spot if needs be.

Yours, Bert.

USE	APPLICATION & TIMING
Kills worms, leatherjackets, ants and chafer grubs underground	Apply at a rate of 5 gallons per acre in warm showery weather when worms are most active
No water or mixing required	Apply at rate of 80 lb. per acre in warm showery weather when worms are most active
Organic base for slow release of plant foods	Apply at 2 oz. per sq. yd. April to July
New low rate granular fertilizer	Apply at 3 cwt. per acre. April to July
Controls broad-leaved weeds	Apply at the rate of 2-3 fl. ozs., in \(\frac{1}{2} \) gallon of water per 100 sq. yds. in warm dry weather during Spring and early Summe
Controls resistant weed species	Apply at the rate of 2-4 fl. oz., in ½ gallon of water per 100 sq. yds. in warm dry weather during Spring and early Summe
A specific to control clover but will also kill yarrow, pearlwort and chick-weed	Apply at the rate of 6-8 pints in 20-50 gallons of water per acre in warm dry weather during Spring and early Summe
A combined moss killer and grass stimulant	Water in during dry spells, not later than June at the rate of 4 ozs. per sq. yd. (10 cwts. per acre)
Contains no grass stimulant	Apply at any time during the year. Application rate: 4 ozs. per sq. yd. (10 cwts. per acre)
For use on Bowling Greens	Apply at any time during the year. Application rate: 4 ozs. per sq. yd. (10 cwts. per acre)
Gives rapid control of fungi such as Fusarium, Dollar Spot, Ophiobolus and Corticium	Apply whenever necessary at the rate of 1 oz. dispensed in 2-8 gallons of water or mixed with 14 lbs. of fine dry sand per 40 sq. yds.
Compounded with sterilised loam	Apply ready-mixed dressing in early Spring at 3 lbs. per sq. yd. (6 tons per acre)
Tricoflex is a high quality, durable and non-kinking hose	
u on gress seed mixtures.	
	Controls broad-leaved weeds Controls broad-leaved weeds Controls resistant weed species A specific to control clover but will also kill yarrow, pearlwort and chick-weed A combined moss killer and grass stimulant Contains no grass stimulant For use on Bowling Greens Gives rapid control of fungi such as Fusarium, Dollar Spot, Ophiobolus and Corticium Compounded with sterilised loam Tricoflex is a high quality, durable and non-kinking hose



FEBRUARY 7th Northern Section Lecture-Horsforth Golf Club.

12th North-West Lecture-Garrick Hotel, 7.30 p.m.

14th Southern Section Lecture-Stirling Castle, 6.30 p.m.

MARCH 6th Northern Section Lecture-Horsforth Golf Club, 7.15 p.m.

13th Southern Section Quiz-Stirling Castle, 6.30 p.m.

29th Southern Annual Dinner-Dulwich and Sydenham Golf Club.

MAY 2nd North-West Section Spring Tournament.

8th East Midland Section Spring Tournament.

15th Southern Section Spring Tournament.

For all Golf Greens and Fairways

Supaturf fertilisers are scientifically blended to ensure the correct proportions Suparum reminers are scientifically blended to ensure the correct proportion of organic and inorganic ingredients. They provide a regular and sustained of organic and sustained of organic and sustained organic and sustai of organic and inorganic ingredients. They provide a regular and release of essential plant food throughout the growing season. Get off to a good start, order your Supaturf fertilisers now.



For spring and summer application. Supaturf 'A' for use on Greens, and fine turf areas.

Supaturf 'C' for Fairways and Outfields.

FREE ADVICE on all aspects of the preparation, care and maintenance of Prices and details on request. sportsturf and lawns - and you are invited to make full use of this service.

Supaturf PRODUCTS LTD., WERRINGTON, PETERBOROUGH, TEL: 71271/2 GRASS SEED FERTILISERS DRESSINGS SPORTSGROUND, PARK AND HORTICULTURAL SUPPLIES.