10-knife high-speed cutting cylinder and thin bottom blade give the **Ransomes AUTO-CERTES** unequalled performance. Reliable 4-stroke engine saves time and temper.

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Relf and Kendall is the name to remember in the same breath as mowing machines. We'll take care of the blades that mow!

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I search the rough,  
The out-of-bounds,  
I even check the bunkers.  
The balls I lose  
Are spanking new.  
The ones I find are clunkers!
PARTICULARLY

THE 20'', 24'', 28'' & 34'' MODELS

These machines are designed specially for those with large areas of grass to mow. They are ruggedly built, efficient and economical—ideal for the high hourage user. Every Golf Course needs at least one of these machines, for mowing the approaches to the Greens and all those areas of grass which need a finer cut than can be obtained with a gang mower.

20'' models from £53

ATCO's range of equipment for Golf Courses covers every possible requirement from the 12'' Roller type right up to the 34'' Roller type, and Gang mowers as well. Then, of course, there is a full range of Rotaries and Sidewheels.

and perhaps most important of all IMPECCABLE SERVICE

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

* DEMONSTRATIONS OF ANY ATCO CAN BE ARRANGED TO SUIT YOU OR YOUR GREENS COMMITTEE

THE 20'' SPECIAL MODEL
for 'superfine' mowing of greens.

£90

ATCO GANG MOWERS
for the FAIRWAYS

Unique—because individual units can be 'ganged' in multiples of one to seven units. Three models are available. The Triple Gang illustrated costs £289
Mr W. J. Gardner, M.B.E., is this year retiring from the position of Hon. Secretary of the Artisan Golfers Association which he has held for over thirty years. Even earlier he was Assistant Hon. Secretary and he has been the hub on which the Association has turned so smoothly since it became the great force in golf which he is now handing over. There are few such records of devotion and unflagging enthusiasm in golf or, indeed, in any other sphere. The many greenkeepers who know him will join in thanking him and looking forward to seeing him at Artisan functions without the same responsibility but with the same ready word for the hundreds of golfers who value his friendship.

* * *

A proposal to build on part of Reading Golf Club has been turned down by Reading’s Planning Committee.

The application by Caversham and Oxon Golf Club Ltd. was to use part of the course at the south end fronting Kidmore End Road.

The committee refused on the grounds that the route of the South Wales motorway is not yet settled. One possible route would pass through the northern tip of the borough and might affect the golf course.

* * *

We have learnt with much sorrow of the death of two members of the Southern Section last month. Tom Chamberlain of Highgate Golf Club died in hospital just before Easter and F. C. Neal of Pinner died on Friday, 9th April.

R. C. CRAIG
AND CO. LTD.
SPECIALISTS IN THE REPAIR AND
MAINTENANCE OF ALL TYPES OF MOWERS
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JEFFERIES Ltd.
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WEBBS LAWN MOWERS
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☆ GANG MOWERS FOR HIRE

We will gladly call on you to advise on your grass cutting equipment or arrange demonstrations. Ring us now.

☆

153 Arch Stamford Brook
Station, LONDON, W.6.
RIVERSIDE 5415
ALTHOUGH the French Riviera has become one of Europe's most popular holiday centres, the number of golf courses open for play during the summer is less than during the winter and early spring.

How is it that golf has taken a step back here while elsewhere during the festive and holiday seasons it has made and is making enormous strides? Perhaps a quick glance back into the history of golf on the Riviera will help us to understand the paradox.

These conditions is indeed a difficult one.

The basic causes of these difficulties can be summarised as follows:—

(a) Lack of water.
(b) Poorness of soil, lack of suitable soil conditioning, and failure to create a top soil of sufficient depth and quality to retain moisture.
(c) Lack of suitable grasses capable of withstanding dryness and heat.

During the latter part of the 19th century and for nearly the first 40 years of the 20th century the Riviera enjoyed a busy and fashionable winter season in which golf was one of the popular sports. During the summer little holiday activity was known and the Riviera did not enjoy its present popularity.

From all this it is quite natural to assume that most golf courses on the Côte d'Azur were built entirely for winter and spring purposes and not to resist the fierce heat of long, dry summers. Because of this, some courses have to close down during the summer months whilst others remain open only with difficulty and the problem of maintaining first-class turf under these conditions is indeed a difficult one.

All these considerations came into question some three years ago when it was decided to construct a golf course of permanent character situated between Hyères and Le Lavandou.

This course, now known as the Golf Club de Valcros, had been beautifully planned and designed by Mr F. W. Hawtree over very difficult country and it had to remain green throughout the year.

Valcros lies in a magnificent valley surrounded by mountains covered with cork oak, pines and many other fine trees. And in this valley there existed in abundance the all important thing, Water. The former owners had made a barrage containing 85,000 cubic meters of water, whilst the possibilities
Talk about perfect turf?

Walk about perfect turf!

with

'**CLOVOTOX**' Selective weedkiller for controlling clovers and other weeds in turf.

'**DICOTOX**' Showerproof selective weedkiller for economical general weed control in turf.

'**DICOTOX**' EXTRA Four times as concentrated as 'Dicotox'.

'**SUPERTOX**' 30 Broad spectrum selective weedkiller for turf. Kills weeds and clovers.

'**MERSIL**' Concentrated turf fungicide with rapid activity. In powder form for application as a suspension in water.

'**MERFUSAN**' Turf fungicide with similar range of action to that of 'Mersil'. In powder form for dry application.

**DDT CONCENTRATE** Insecticide for the control of turf pests including leatherjackets.

**MERCURY BICHLORIDE** Controls worms.

*Names quoted thus 'Clavotox' are trade marks the property of May & Baker Ltd.*

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**DAGENHAM**

**ESSEX**

Tel: DOMinion 3060 - Exts. 342 and 359

The people with turf protection know-how

**M&B BRAND PRODUCTS**
of a second barrage were bright since the swift running mountain streams could fill a barrage of considerably larger dimensions than the first one.

The situation of top soil for the greens and tees was also encouraging, since, in various parts of the Estate, there existed plenty of top soil of quite good quality.

The next question was the type of grass to implant on the course. Local tradition in the South of France tends to the theory that the orthodox grasses sown in the more temperate zones of Europe do not survive the heat and dryness of the Mediterranean summer climate.

On some of the courses, hot-country grasses like Cynodon, Dactylon and Kikuyu grass have been tried out, but on the whole they have not given good results. They die back during the winter months and leave little or no grass for long periods during the winter and spring.

It was, therefore, decided to try out some experimental grass plots composed of varying mixtures of the more resistant species of grasses.

**Promising Results!**

The results obtained from the trial plots were encouraging. The grasses survived quite well with regular watering and without special treatment, fertilisers, top-dressing or, indeed, soil preparation before sowing.

From these results it appeared possible to create really first-class turf with proper soil preparation before sowing and later with first-class upkeep and the usual procedures adopted in the maintenance of good-class turf.

The greens at Valcros were, therefore, sown with an orthodox Bent/Fescue mixture of Highlight Chewing's Fescue and American Browntop Bent. This mixture has thrived well from the beginning and now after the first year the greens give every indication of becoming first class.

The fairways, of course, presented by far the toughest problem because their size precluded the more intensive preparation possible for the smaller areas of the greens. Nevertheless, these were sown down with a good quality seeds mixture composed of Chewing's Fescue, Creeping Red Fescue, Smooth Stalked Meadow Grass (Dutch Prato), American Browntop and Dutch Rye Grass (Heraf).

This mixture has done extremely well and has stood up to the exceptional heat and dryness of last year's summer aided, of course, by plenty of water, fertiliser and dressings of organic matter.

The tees were sown with much the same type of seeds as those used for the fairways, the main difference being that the Dutch Smooth Stalked Meadow Grass was replaced by Merion Blue Grass which has thrived and developed rapidly in the soil and climate of Valcros.

Now that a full year has passed, it may be of some interest to record some of the current upkeep problems and results.

**Fertilisation**

The same type of fertilisers were used on the new turf at Valcros as those used generally elsewhere. The greens were fertilised in the early part of the growing season with complete fertiliser mixtures containing sulphate of ammonia, dried blood, superphosphate, sulphate of potash and sulphate of iron.

Towards the end of the season the fertilisers were gradually reduced to light applications of nitrogen in the form of sulphate of ammonia.

Fairways and tees received regular applications of compound granular fertiliser. Experience over a full growing season at Valcros does suggest that rather more fertiliser is necessary in this warmer climate due, perhaps, to the ultra-rapid growth of the grass and also to a very heavy watering and cutting programme.

**Diseases**

These are, if anything, more dangerous in the warm climate of the Mediterranean. Fusarium Patch Disease
cut the lot with a **BROTT**

**BROTT 20 - A REAL ADVANCE IN GRASSCUTTING TECHNIQUE**

The day you get a BROTT will be the day you discover what a real grasscutter will do. With its unique cutting action it cuts the finest lawns or the roughest orchard grass — 3 speed and reverse to deal with all conditions — backwards or forwards. It collects leaves and rubbish; maintenance is negligible. It cuts and rolls up to 4 acres per hour and collects the grass into large easily handled bags — or into a trailer drawn behind — or spreads it behind as a mulch. The operator rides in comfort and safety all day long and it has all-year round usage. Instantly adjustable cutting height. Every grasscutting advantage in one magnificent machine. Send for full details today — and for the name of your local authorised dealer.

Manufactured solely by the patentees:
Edward Thomas & Co. (Oswestry) Ltd.,
(Dept. 56). Whittington Road,
Oswestry, Shropshire.
Tel: 3271 (3 lines)
propagates with incredible rapidity and will slash across a green literally in 24 hours.

Some trouble was also experienced with Ophiolobus Graminis during the month of July but good control was obtained by the use of a Mercury Fungicide called Solusanigran. This product gives excellent control of Fusarium as well.

One of the difficulties in treating turf diseases here is the question of watering with the result that the fungicides employed are often washed away. The only formula is to water heavily before treatment and thoroughly soak the ground to a good depth, carry out the treatment and then leave the greens as long as can be risked before watering again.

The all important thing is to avoid trouble by immediate detection of disease and rapid treatment or, even better, well-timed preventive treatment before disease appears.

**Weed Control**

So far this has not presented a very great problem, because the soil at Valcros has a fairly low pH. Clover has been one of the chief enemies but responded very well to C.M.P.P. selective weed killers.
to the middle of November. That is one of the great advantages that the Mediterranean climate offers to the greenkeeper and a priceless asset in the making of new golf courses. Germination of the seed is rapid by virtue of the soil warmth. Growth and colonisation of the grass is amazingly quick too, with the result that weed competition in new swards is appreciably reduced.

Indeed, it is true to say that the greenkeeper is not always faced with disadvantages, for another asset he has, is comparatively mild and warm winters which allow him to proceed almost without interruption on his winter programme of work.

Watering

Has to be intensive and frequent. The greens are watered by pop-up sprinklers placed around the perimeter. Normally between five and six sprinklers to each green.

The tees are watered by the same system. The system is semi-automatic and five or six holes can be watered at a time. Watering has to be done in the early morning or evening to avoid loss of water through evaporation.

The fairways are watered by means of self-travelling sprinklers. These sprinklers pull themselves forward by means of a thin cable attached to a small steel anchor.

The system is a great labour saver for the sprinklers can be set to cover a distance of 150 yards without being touched and they can water over a width of 40 yards. Valcros possesses 18 sprinklers which are capable of watering 2,700 yards of fairway each night, thus allowing each fairway to be watered three times a week.

We have been helped greatly in all our work by the constant help and advice of Mr F. W. Hawtree and by the Sports Turf Research Institute with their ever-ready advice on many of our problems. Finally, congratulations to our young greenkeeper, Mr Arcani, who handled many problems and many men for the first time in his life with such deserved success.

---

"SISIS"

TURF MANAGEMENT EQUIPMENT
for GOLF COURSE FAIRWAYS

12ft SCARIFIER AND BRUSH IMPLEMENTS. Model LSB/12

- For all tractors with hydraulic Linkage special tools.
- Simply and quickly attached without special tools.
- Controlled from driving position.
- Outer sections fold for transport through Gateways.
- Heads flexibly mounted for following ground contours.
- Interchangeable Brush Sections can be quickly substituted for the rake scarifier units.

RAKE SCARIFYING

with the coiled spring tine implement, regularly applied, will assist in eradicating course growth and trailing weeds. The grasses and weed seed heads are raised for mowing. Constant use improves the sward density as the grass plants are encouraged to colonise bare or weedy patches.

A fully illustrated brochure, reference LLF, sent on request.

"SISIS" Patent EQUIPMENT,

W. HARGREAVES & Co. Ltd.,
MACCLESFIELD - 6363 - CHESHIRE
Berk Summer Range
of turf treatments for busy

**Watering**

*Supplex* Sprinkler

This triple-bore plastic hose is minutely perforated throughout its length. One end is closed so that when the perforations are opened by water pressure, a fine rain-like spray is produced which soak without flooding - in a rectangular pattern. Supplex is the logical choice for rectangular areas. Lengths are available to cover, in one operation, tennis courts, bowling greens and cricket pitches.

**Moss Control**

Berk Moss Control compounds are based on mercury - this is present in an insoluble and harmless form. Mercury not only kills moss but prevents subsequent growth - it can control moss for up to three years. Three compounds are available: the choice depends on the individual requirements and the time of the year.

**M.T.S. (Mercurised Turf Sand)**
This is applied at 4 oz. per square yard from early spring to late summer. It kills moss immediately, reduces weed population and, because it contains a quick-acting nitrogen fertilizer, stimulates grass growth.

**Moss Killer**
This is applied at 4 oz. per square yard at any time of the year but especially prior to normal autumn treatments. Moss Killer does not contain a grass stimulant but gives rapid control over moss.

**Moss Eradicant**
A special formulation to control the following crop of moss while killing the immediate crop gradually - so there is no disfigurement from dead moss.

**Hints on Moss Control**
1. Moss will always invade and colonise neglected turf.
2. Do not rely on raking alone to remove moss. This spreads moss spores and fragments which can re-infest the site. Always use a moss killer in conjunction with raking.
3. Correct turf management should always be practiced. After using a moss killer, the factors responsible for the appearance of moss should be removed.
4. Some common causes for the appearance of moss are:
   - Poor drainage and aeration
   - Bare patches
   - Over-rolling and compaction
   - Acid and undernourished soils
   - Persistent close mowing.
Wormkiller

Berk 25% Chlordane Wormkiller
Supplex Chlordane kills worms underground and kills leatherjackets, ants and chafer grubs. It is cheap and easy to apply — calling for very little watering and minimum labour. Best applied in warm, showery weather during autumn or spring when worms are most active and near the surface.

Berk 20% Chloride Wormkiller (Granular)
Applied at 80 lb. per acre, this form of Chlordane is particularly useful where grass is kept long or the sward is thick.

Fertilizers

Green Gold 'Lawn Feed'
A special lightweight fertilizer with high nitrogen content providing an immediate balanced feed, with prolonged nitrogen release, which encourages growth throughout the growing season. One 10 lb. bag is the equivalent of a 56 lb. bag of conventional fertilizer.
Rate of application — only 3 oz. per square yard.

Green Gold 'Weed and Feed'
This is a lightweight fertilizer incorporating a powerful weedkiller — the ideal fertilizer for weed-infested turf.
Rate of application — only 3 oz. per square yard. Both 'Lawn Feed' and 'Weed and Feed' can be applied using a standard distributor.

'Thrive'
A balanced organic fertilizer with the essential trace elements, in pellet form. Ideal for ornamental borders.
Applied as base dressing at 4 oz. per square yard and as top dressing at 2 oz. per square yard.

POST THIS COUPON NOW FOR LEAFLETS AND PRICES
Betchworth Park Golf Club has provided golf for members and visitors for over 50 years. Now it has been decided to build a new Club House. The present Club House, built many years ago, is getting too old and inevitably too small for the 600 plus members of Betchworth Park. Now it is to be retired and a new one built on the existing 17th Fairway. A replacement short hole has already been put in hand. The new green will be playable by the time the club house is finished and the existing 17th Green will be used as the putting green.

This re-siting of the club house will allow players to start from the 1st, 7th and 12th, all a short distance from the club house and have the added advantage of eliminating the long tedious climb on the 17th and 18th at the end of a game. In addition the practice ground will be immediately adjacent to the club house.

For the Money Minded

The total cost of the project will be £65,000. Half of this will be subscribed by members of the Club. The balance is being obtained by loan from the ground Landlords.
Any member having a proposition or suggestion for the A.G.M. please forward same to me not later than 16th May.

**NORTHERN**

**By J. Parker**

**Chairman:**

S. Bailes

8 Goit Stock Terr., Harden

Bingley, Yorks.

**Hon. Secretary:**

S. Bailes

8 Goit Stock Terr., Harden

Bingley, Yorks.

**Visit to S.T.R.I.**

ARRANGEMENTS HAVE BEEN MADE for the section to visit the Sports Turf Research Institute, Bingley, on Wednesday, 2nd June.

Members attending are asked to assemble outside the offices at 1.45 p.m. The visit will be followed by the Annual General Meeting of the section, details of which will be shown on the balance sheet. Refreshments will be available in the Mansion café.

**March Lecture**

The last lecture of the winter session was held on Monday, 22nd March in the Market Tavern, Bradford. We were pleased to have as the Speaker our Hon. Editor and well-known Golf Course Architect, Mr F. W. Hawtree.

Unfortunately the weather was about the worst of the winter and only twenty-five ventured out. Mr Hawtree took us on a "tour" of Golf Courses in England and on the Continent, illustrating his talk with colour slides. This was followed by questions and discussion and the whole evening was most enjoyable and instructive. A vote of thanks was proposed by Mr S. Bailes and Mr D. Roberts respectively.

**Subscriptions**

Members are reminded that subscriptions for the year 1965-1966 become due on 1st May. Prompt payment would be much appreciated.

**SHEFFIELD**

**By J. J. Dearlove**

**Chairman:**

G. Herripton

(Lindrick)

**Hon. Secretary:**

63 Langsett Avenue

Sheffield, 6

**Winter Meeting**

OUR LAST MEETING OF THE winter programme at the Brunswick Hotel on Thursday, 25th March, was devoted to a talk on the training of apprentices.

Mr B. M. Wood the Secretary of the Joint Council for Golf Greenkeepers Appren-
ticeships came along to explain the scheme, which he did very thoroughly indeed.

Unfortunately only five golf clubs were officially represented out of twenty-five invited to attend, hardly good enough considering Mr Wood's journey. The greenkeepers, however, did consider the meeting to be important and gave their usual support to bring the attendance up to about thirty.

A number of interesting points did evolve
from the meeting and high on the list was for the scheme to be given more publicity and for apprentices to be given Diplomas of Qualification on completion of training.

The question of wages was again in prominence, it appears that a more detailed scale should be decided upon at section level now that some guidance has been given by the Executive Committee. I have received a number of requests for details of wages quite recently and can still only refer to the Report on Wages Survey in the January issue of this Journal.

**SOUTHERN**

By W. Mason
Chairman:
W. E. Moore
18 Albert Road, Hendon, N.W.4.
(Toromford)
Hon. Secretary:
Tel.: SUNnyhill 0245

**Quiz**

OUR LAST LECTURE IN THE FORM of a Quiz kept J. K. Glass, our Quiz Master, very busy. All kinds of questions were asked, one rather unusual one being, should tees be constructed to have fall from back to front or vice-versa. After quite a debate the majority were in favour that they should be made as level as possible.

**Dinner**

Our Dinner proved quite an enjoyable occasion. We were sorry that owing to illness our old friend C. A. Tydeman could not come along and we all wish him a speedy recovery. Owing to various circumstances Mr Carl Bretherton, the Chairman, Mr Sheppard and Mr Moss were unable to attend.

**A.G.M.**

Our section Annual General Meeting will be held as usual at the Talbot Restaurant. Please make a note of the date, Wednesday, 9th June. We hope every effort will be made by members to come along.

May I remind you that 1st May is the end of our financial year and it would be a great help to me if you will send along your subscriptions without delay.

**NORTH-EAST**

By D. Earsman
Chairman:
J. SIMPSON
(Ponteland G.C.)
Hon. Secretary:
Arcot Hall Cottage
Dudley
Newcastle-on-Tyne, 3

**Lecture**

A VERY INTERESTING LECTURE on "Turf Diseases" given by Mr Lidgate of S.T.R.I. was held on Thursday, 17th March, at the Carlisle Hotel, Newcastle, in conjunction with the N.A.G. With the aid of slides Mr Lidgate discussed most of the fungal diseases and afterwards answered many questions put to him.

**Lecture and Film Show**

A lecture and film show was held on 25th March at the Crown Hotel. It was given by Mr Beveridge of Ransomes, Sims & Jefferies who gave us plenty of good information on maintenance and answered the many questions fired at him by members.

Our Chairman, Mr J. Simpson, on behalf of the greenkeepers and groundsmen, thanked Mr Beveridge and said how pleased he was to welcome him to the North East.

**New Appointment**

Our best wishes to Mr Thompson on his appointment as Head Greenkeeper at Whitby Golf Club.

**MIDLAND**

By F. Cashmore
Chairman:
G. Hart
(Gay Hill)
Hon. Secretary:
76 Four Oaks Common Road
Sutton Coldfield, Warwickshire

**President’s Match**

THIS ANNUAL EVENT, WHEN OUR President, Mr Carl Bretherton, invites us to Handssworth Golf Club to play against his team chosen from the best of the Midlands Amateur Golfers, will be held on the evening of 22nd June. Most of you are familiar with the arrangements and I hope you will show your appreciation of Mr
Bretherton’s efforts on our behalf by turning up in full strength.

I shall be away on holiday from 22nd May until 5th June. Will anyone not able to play please let me know after then.

**Autumn Tournament**
The Bloxwich Golf Club have kindly granted us the courtesy of their course for our Autumn Tournament on Thursday, 16th September. We thank them for their kindness and look forward to our visit.

**New Members**
The following new members will be joining us on 1st May. We give them a cordial invitation to join us in our activities:—

- W. J. Marnock, Head Greenkeeper, Coventry Hearnsall Golf Club,
- P. J. Coleman, Apprentice at Oxley Park Golf Club,
- R. J. Erratt, Associate Member, Harborne Golf Club.

**Annual Spring Tournament**
AS ALREADY ANNOUNCED IN THE forthcoming occasions the Spring Tournament will be held on Wednesday, 12th May at the Northamptonshire County Golf Club, Chapel Brampton. This will be an 18 hole Medal Event, commencing at 1 p.m.

As I failed to make this announcement in the April issue of the Journal I have notified members by post. If by any chance you have not received any notice and wish to attend please notify me at once. My club telephone number is Leicester 774121.

**New Secretary**
At the last Annual General Meeting of the section, S. Fretter promised he would take over duties as Honorary Secretary of the section as soon as business commitments allowed him to do so. He has now informed me that he is ready to take over.

All correspondence should now be addressed to S. Fretter, Portland Lodge, Portland Road, Kirby Muxloe, Leicestershire.

**Subscriptions**
May I remind members that their subscriptions for the year 1965-1966 are now due. Please send them to A. Thornton, 15 Trent Road, Beeston, Notts.

**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.
Open Draw

By the time you are reading this, I hope you have sold the tickets which you have received and are sending to me for a further supply. The committee hope for a good return with all tickets sold.

Annual Outing

The outing this year will be held on Wednesday, 16th June, by courtesy of the Luffness New Golf Club. I am looking forward to a large attendance of all old and new members. A bus will be running from Glasgow and it is hoped to fill all seats which will cut the fare and reduce expense.

North Dance

I would once again like to thank Mr. Milton and his Committee on behalf of all who travelled to Dundee for a very enjoyable night.

The Scottish Golf Greenkeepers Association

Chairman:
D. L. MacDiarmid
Royal Burgess Golfing Society
Barnton, Edinburgh, 4

General Secretary:
R. B. Moffatt
71 Kelton Street, Glasgow, E.2

The Ransomes Junior Quintuple Gang Mower pulled by an International Harvester Cub Tractor. This tractor is also useful for pulling golf ball harvesters on Driving Ranges.

Fibreglass Flagstaffs
Grass Combs
Golf Flags
And Switches

Stewart & Co., Seedsmen Ltd.
Edinburgh, 2

S.G.G.A. East

Mr. F. Cameron

The Association regret the sudden death of Mr. F. Cameron, Head Greenkeeper at Baberton Golf Club.
introduce new light tractors

A new firm, recently established with headquarters at Seghill in Northumberland, promises to become prominent in tractor distribution throughout the country.

The firm is Belos Gravely Limited, formed to take over distribution in Britain of Gravely Tractors, a division of the Studebaker Corporation of America, as well as equipment designed by Belos of Sweden.

The vehicles for distribution are two and four wheeled light tractors with an extensive range of matched implements for grass cutting, cultivating, spraying, industrial haulage, snow ploughing, snow blowing, power brushing and other functions.

Plans

While at first activities will be limited to marketing, distribution and servicing, future plans include the manufacture of Belos equipment in Northumberland which promises to be a valuable boost to the area’s unemployment problem.

The Belos system is of special interest to local authorities and parks committees, offering more than 30 attachments which give the tractors an all-round-the-year versatility.

Here are a few technical facts:

Engine: one cylinder, four cycle, T-head type removable head. Air cooled by engine driven fan. Carburetor manufactured by Zenith. Custom built with two forward and two reverse gears. “Swiftamatic” gears available with four forward and four reverse. Two double-acting cone-type clutches, one as speed selector, one for forward and reverse. All power attachments individually protected from shock by safety clutch. Height 28 inches (exclusively adjustable handles). Width 24 inches. Length 55 inches. Any technical problems can be expertly dealt with by Mr. D. Turner, Service Manager, at Seghill.

The four wheel Westchester tractor has a one-cylinder air cooled four cycle, overhead valves. Carter carburetor with one inch side draft. The engine is rated at 12 h.p. at 3,400 r.p.m. Overall length 74½ inches. Width 32 inches. Height over steering wheel 37½ inches. The body is manufactured from fibreglass-reinforced plastic.

SITUATIONS VACANT

BROCTON HALL GOLF CLUB, require experienced Greenkeeper, capable of managing groundstaff. Apply to Secretary, Brocton, Stafford, giving full particulars.

FIRST ASSISTANT GREENKEEPER required. Average earnings about £750 a year plus free house. Send details, experience, family, etc., to G. R. Young, Addington Court Golf Club, Featherbed Lane, Addington, Croydon, Surrey.

GREENKEEPER FULLY EXPERIENCED to take charge of ground staff of Golf Club. Salary up to £18 per week according to qualifications. The Halesowen Golf Club, The Leasowes, Halesowen, Nr. Birmingham.
**MAY 4th** North-West Section, Spring Tournament and A.G.M., Wilmslow Golf Club.

6th North-East Section, Spring Tournament, Whitburn Golf Club.

6th Northern Section, Spring Tournament, Shipley Golf Club.

6th Midland Section, Spring Tournament, Gay Hill Golf Club.

11th Southern Section Spring Tournament, Ealing Golf Club.

12th East Midland Section, Spring Tournament, Northamptonshire Co. Golf Club.

27th S.G.G.A. North and Midland Section, Tournament, Craigie Hill Golf Club.

**JUNE 1st** Welsh Section Summer Meeting and A.G.M., Southerndown Golf Club.

2nd Northern Section visit to S.T.R.I., 1.45 p.m.

9th Southern Section A.G.M., Talbot Restaurant.


22nd Midland Section, President’s Match.

**AUG. 9-10-11th** Annual Tournament, Whitley Bay.

SEPTMBER 14th Northern Section, Annual Match v. Sheffield Section, Scarcroft Golf Club.

29th East Midland Section, Autumn Tournament, Birstall Golf Club.

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Fish pie makes a nice change and fish is something you can obtain all the year round. This is nice for mid-day lunch or a change for supper.

You require:—1 lb. fish (cod or haddock)—2 small sliced onions—2 skinned and sliced tomatoes—½ pint potato water—pepper and salt to taste—1 lb. cooked mashed potato. Grease a pie dish and put in a layer of uncooked fish (after the skin and bones have been removed) add a thin layer of sliced onion and then a layer of fish alternately until all has been used, adding a little of the sliced tomato to each layer. Season the potato water and pour over the fish, etc. Cover with mashed potato. Bake for 45 minutes. Regulo mark 4 or Electricity 375° F. The top should be a nice golden brown. This should serve 3-4 people.

Just a small hint to follow this recipe, When washing dishes that are fishy, put a little mustard in the washing up water, all smell and taste of fish will disappear.

Silver Cleaning

Now here is a simple method by which silver can be kept bright and unstained for a much longer period than is possible with the ordinary polishes. After cleaning and polishing in the usual way, moisten a soft cloth with a very little olive oil or a good brand of furniture cream and polish the article with this. Do not use too much of either the oil or the cream or a smeared effect will result and will quite defeat its own end. It will be found that the silver will not tarnish so quickly and the actual cleaning will be much easier, it also helps to preserve the silver and is particularly efficacious with articles kept out in a room for decorative purposes.

Happy polishing, until June . . .
The 14th A.G.M. of The Sports Turf Research Institute was held at Bingley on Monday, 26th April, under the Chairmanship of Mr Alan Sowden.

(1) In the annual report for 1964, reference was made to: —

(a) Extensive grass variety trials laid down with a view to finding better and tougher grasses for sport.

(b) Continued trials with urea-formaldehyde fertilisers, fungicides and herbicides.

(c) *Advisory visits*—up in number by almost 10 per cent on previous year. Most European countries were visited. Furthest point was Mexico City to advise on the construction of a football pitch in the new Aztec Stadium. It is expected that this will be used during the 1968 Olympic Games.

(d) Inauguration of a *Building Fund* to help provide ultimately a solution to the accommodation problem.

(e) *Finance*: Income up 16 per cent but expenditure also up 14 per cent. A small surplus resulted, this being in keeping with a non-profit-making organisation. Surplus automatically ploughed back to further the objects.

(2) Message of loyal greetings sent to our Patron, H.R.H. The Duke of Edinburgh.

(3) Elections to office: —

President—His Grace The Duke of Norfolk.
Vice-Presidents—Sir Bracewell Smith, Mr Carl Bretherton,
  Sir William Worsley, Mr R. B. Dawson.
Chairman—Mr Alan Sowden.
Vice-Chairman—Mr Carl Bretherton.
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TO MANUFACTURERS.—In order that our information may be kept constantly up to date, manufacturers or suppliers are requested to forward their latest trade lists, catalogues, and any other confidential information regarding their products. By so doing the Bureau will be able to function to the mutual benefit of all concerned.

TRADE REVIEWS.—The Editor will be pleased to arrange to devote space in our editorial columns to a review of our advertisers’ products, etc. Will advertisers please forward details for this purpose.
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