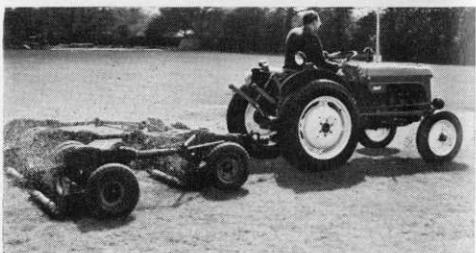


a new lightweight tractor, versatile yet inexpensive



BMC MINI TRACTOR

Scaled down in every way except in the capacity to handle hard work the BMC Min Tractor is exceptionally versatile. Its light weight is a particular advantage in every phase of turf cultivation. Powered by a BMC 4 cylinder diesel engine and available with hydraulics and power take-off the BMC Min can be applied also to loading, levelling, grading, and a variety of work requiring mechanical, hydraulic or pneumatic power. Ask your BMC/Nuffield dealer to arrange a working demonstration with the BMC Mini Tractor.

H P U Model £585. Standard Model £512 10 0.

THE **BRITISH** MOTOR CORPORATION LIMITED
(Agricultural Sales Division), LONGBRIDGE, BIRMINGHAM.
Overseas Business: BMC Export Sales Ltd.,
Birmingham and 41-46 Piccadilly, London W 1

Backed by BMC Service



Express, Expert, Everywhere

MINIBITION

by

G R. YOUNG

The title does not refer to the size of the Annual Exhibition of Turfculture, Sports Ground and Playing Equipment organised by the National Association of Groundsmen. The exhibition seemed bigger and better than ever and fittingly so on its twenty first birthday. My first impression after one orbit of the vast circle of exhibitors' stands at Motspur Park was one of the preponderance of things "mini". There were mini-tractors galore. The B.M.C. 4-cylinder diesel-powered Mini Tractor took pride of place on the far from mini-sized stand of Messrs T Parker & Sons (Turf Management) Ltd. This new tractor, lightweight and versatile, is priced at £585 for the HPU Model, £512 10s. 0d. for the Standard Model. Strikes and Mr Callaghan permitting this all-British product should sell well. Parkers were also showing four models of Bolens Husky Tractors. These aptly-named minis range in price from £280 (6 h.p.) to £430 (10 h.p.) at the latest dollar rate of exchange. If you collected one of the Bolens attractively coloured brochures you will be able to admire not only these tractors, their mowers and tillers but also the sartorial splendour of the American golfer on page 2. Other small tractors on view were the new 10 h.p. Colt de Luxe shown by Colt Tractors Ltd. and the £357, 9 b.h.p., single cylinder 4-stroke MotoStandard on the stand of John Allen & Sons (Oxford) Ltd.

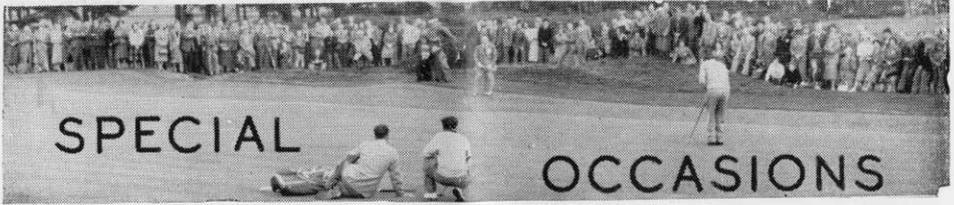
Mini trucks were represented by M. H. Stephens, Son & Co.'s new "Sturdy", taking a payload of up to 30 cwt., and the 1 ton Martin Bonser Truck shown by Malcolm Martin Engineers.

There were mini hedgecutters, mini-power-saws and the Tarpen Engineering Company were showing a new mini-engine power pack for their Tarpen Flex range of work heads.

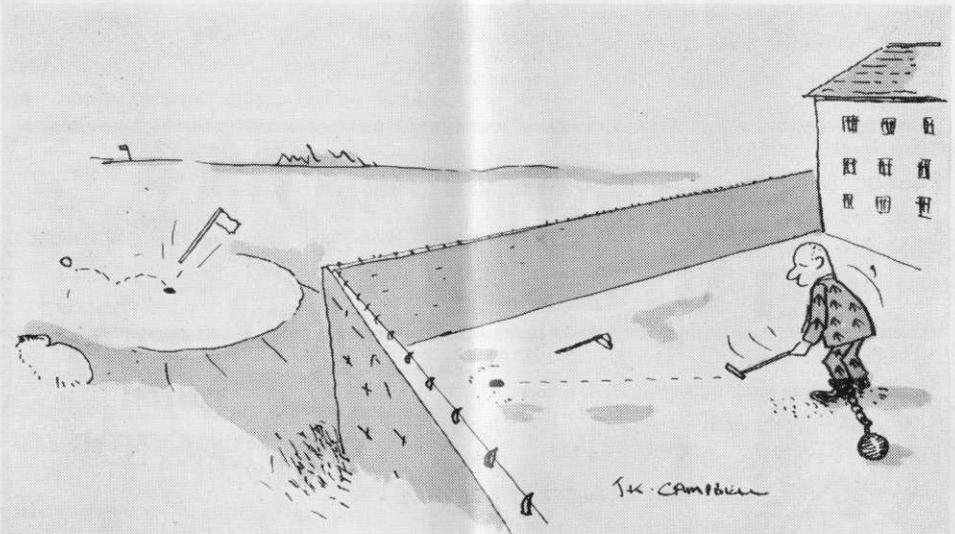
But, of course, there were things large there too. One thinks immediately of the Ford 3000 Tractor, which the makers claim will increase output 30 per cent. Also the new Massey Ferguson Tractors—the M.F.2135 and the 2130 Highway Tractor, the former developed from the 35X and powered by a 45.5 h.p., 3-cylinder direct injection Perkins diesel engine, the latter a 30-h.p. diesel. Also in the giant class was the new two-engine Turfmaster produced by H. Pattison & Co Ltd. The Turfmaster has two independently driven spike drums with 64 tines located to provide 10 in. spacing. Water ballast can be used in the centre of the drums if required. Spike bars are 2 in. square reinforced steel and the spikes have 9 in. x $\frac{1}{4}$ in. effective use. Chisel and slitting tines are also available. The six land wheels are arranged so that no wheels pass over any spike holes and the pre-entry angle of the spikes is positively controlled and avoids surface disturbance.

"Ride-on" Motor Mowers were well represented and seem increasingly

contd. on p. 16



- OCTOBER
- 6th S.G.G.A. East A.G.M. Liberton Golf Club.
 - 12th Midland Autumn Tournament and A.G.M., Blackwell Golf Club.
 - 12th Southern Winter Meeting, Stirling Castle, London Wall, E.C.
 - 12th Midland Autumn Tournament and A.G.M., Blackwell Golf Club.
 - 20th Northern Section Autumn Tournament Woodhall Hills Golf Club.
 - 28th Midland Annual Dinner, King's Head, Bearwood.



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JEFFERIES Ltd.

★ LLOYDS & Co. Ltd.
WEBBS LAWN MOWERS

★ Distributors DENNIS BROS Ltd.

★ GANG MOWERS FOR HIRE

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advise on your grass cutting
equipment or arrange demonstra-
tions. Ring us now

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Station, LONDON, W.6.**

RIVERSIDE 5415

IT'S GETTING VERY LATE

MOWER REPAIRS

A modern works fully equipped with the latest automatic grinders. A complete range of modern machinery and staffed by experienced craftsmen constantly under the control of a fully competent and diligent works manager devoting his whole time to the supervision of the mower repair department, enables us to offer a service

SECOND TO NONE

GOOD REPAIRS FAIR PRICES GOOD SERVICE

DELAY IS RISKY - BOOK AT ONCE

To avoid disappointment book your repairs NOW Get your machines collected at once whilst there is still time to enjoy the finest workmanship and ensure that the machines are in your possession for perfect cutting when next season commences.



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and Repair Agents

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MACHINES

Official distributors
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Official London area distributors
for specialist machines

DENNIS & ATCO
Sales and Service



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CONSULT THE SPECIALISTS**

T. PARKER & SONS (TURF MANAGEMENT) LTD
WORCESTER PARK, SURREY
TELEPHONE: DERWENT 7791 (6 LINES)

PARKER FOR ALL MAKES AND TYPES

SALES — SERVICE — SATISFACTION

contd. from p. 12

popular Messrs Edward Thomas & Co. (Oswestry) Ltd. were demonstrating their new self propelled flail type grass-cutter, the Brott 27 The cutting mechanism on this machine is such that pebbles, twigs and litter are swept up into the collecting sack or trailer without damage. Ride-on, flail, rotary, gang and even one or two push-and-pull mowers as well as every other type of mechanical aid were being displayed and demonstrated by Messrs Ransomes ("Buy British Buy Ransomes"), R. C. Craig, Sisis, T Green & Son, Lloyds & Co., Patissons, C. H. Pugh and a host of other firms whose names are well known to the greenkeeper and whose representatives are frequent visitors to every golf club.

It was a change to find a stand showing all the things one should not have. I mean, of course, the tiny plots of turf displayed by the Sports Turf Research Institute, each contaminated by some dread disease or unwelcome growth. If you were unfortunate to recognise one of these patches or pollutions as being similar to those on your greens, tees or fairways, one could seek advice, readily imparted by the ever-helpful S.T.R.I. advisers and then hurry along to the dispensers of turf disease cures. Messrs Cannock Agricultural Co., Carters Tested Seeds, Fisons, Berks, Maxwell Hart, Sutton & Sons, and many others had attractive and businesslike stands showing their own brands of insecticides, weed-killers, fungus-destroyers. Autumn/winter fertilisers were featured by most of these firms as were all other types of growth promoters—sand, loam, peat, manures and, of course, grass seeds.

If you had mechanical problems Messrs Relf & Kendall were there to help you. If your club was planning a tournament and seating accommodation was required for the gallery, Lodge Equipment Ltd. in conjunction with Messrs T Parker & Sons were showing ingenious Portable Spectator Stands. Each unit to seat 60 could be erected in eight minutes, and could be bought or hired. If you felt like investing in some really good switches, Messrs Stewart & Co. were ready to sell you at £4 15s. each their improved "St Andrews" Turf Switch. This has a metal tubular handle and a glass fibre switching tip which can be set for light or heavy work. If you felt like a moistener you could go to the mobile bar, to the exhibit of British Overhead Irrigation Ltd. and stand near their new high-speed "Wizard" self travelling sprinkler or get on the wrong side of any of the highly efficient sprayers being demonstrated by Pressure Jet Markets Ltd.

It was a very successful exhibition. Perhaps one missed the charming setting of Hurlingham, the nostalgic click of croquet balls, the brightly coloured wild-fowl and most of all the excellent catering and bar facilities but after all one went to see an exhibition of Sports Ground equipment and see it one could at Motspur Park. The stands were not cramped and being in one wide circle were easy to find. Most important the enormous arena in the middle gave ample scope for demonstrations and the exhibitors were taking every advantage of this. And the weather—three days of uninterrupted sunshine and blue skies.

News



from the Sections

SOUTHERN

By W Mason

Chairman:
W E. MOORE
(Romford)

Hon Secretary:
18 Albert Road, Hendon, N.W.4.
Tel.: SUNnyhill 0245

Lecture

OUR NEXT LECTURE WILL TAKE place on Wednesday, 9th November at the Stirling Castle at 6.30 p.m. and will be given by a representative from Messrs. Rentokil Laboratories Ltd. As this will be their first visit to us I do hope that every effort will be made to attend.

Autumn Tournament

At our Autumn Tournament we had an entry of 86. The weather was perfect and I am sure that an enjoyable day was had by all, with an excellent luncheon and high tea and plenty of service at the 19th. Mr J K. Glass said how sorry we all were that our Chairman was ill and hoped he would soon be well again. In thanking the Thorndon Golf Club for allowing us to play he went on to say what a fine condition the course was in and congratulated Mr J Noakes. He also thanked members of the Trade who had done so much for us in the running of the Tournament, mentioning in particular Mr D. Craig, Mr J Field, Mr P Marshall, and Mr Stobbs who acted as starter. He then introduced the Captain, Dr McCarthy, who had kindly consented to present the prizes.

The winners were as follows 1st, J Glass and R. Gray with 43 points in the morning round and 40 in the afternoon making a total of 83, 2nd, K. Eastwood and

S. Peters 38-39 77, 3rd, E. Hall and V Davies 41-35 76, J Noakes and Dr McCarthy 41-35 76, 4th, J Ness and A. Snell 38-36 74. The morning prize went to E. Folkes and B. Lewis with 42 points and the afternoon prize to A. Millar and T Wigg 35-36 71

New Member

We welcome to the Section the following new member:—L. Coyte of the Romford Golf Club.

MIDLAND

By F Cashmore

Chairman:
G. HART
(Gay Hill)

Hon. Secretary:
76 Four Oaks Common Road
Sutton Coldfield, Warwickshire

Annual Dinner

THE ANNUAL DINNER WILL BE held at the King's Head Hotel, Bearwood, on Friday 28th October, tickets are £1. Will members please let me know how many tickets they will want. They will be obtainable at our Autumn Tournament and Annual General Meeting at Blackwell Golf Club on 12th October when I hope we shall have a good attendance. I do not expect I shall be there as I have to go into hospital on 12th September for an operation.

Association A.G.M.

I want to thank Midland Section members for supporting my appeal to them to enter for the Tournament at Little Aston. I hope that at least some of them will make it an Annual event and renew the friendships they made at Little Aston.

NORTH-EAST

By D. Earsman

Chairman:
J SIMPSON
(Ponteland G.C.)

Hon. Secretary:
Arcot Hall Cottage
Dudley
Newcastle on Tyne 3

Draw Tickets

I WOULD LIKE TO THANK ALL members who did so well in selling the Annual Draw Tickets, the total amount was £53 7s. 6d. We did not do quite so well as last year but you all made a good effort, and on behalf of the Committee I say thank you for your help.

Again I thank our Vice-Chairman, Mr R. H. Nicholson, for dealing with the Sweep Tickets. I do hope that all members receiving tickets will return them so that Mr Nicholson does not have to send out reminders as he had to last year

New Members

We welcome to the Section the following new members—Sydney E. Reeve, Thomas Leighton, John Douds, J R. Thompson, G D. Thompson, and R. J Cannon.

NORTHERN

Chairman:
D. ROBERTS
(West Bowling G.C.)

By J. Parker
Hon. Secretary:
8 Goit Stock Terr., Harden
Bingley Yorks.

Autumn Tournament

MEMBERS ARE REMINDED THAT the closing date for entries, to be played over the course of the Woodhalls Hills Golf Club, Pudsey, on Thursday, 20th October is Thursday 13th October This is absolutely necessary for the draw and the catering arrangements to be made.

Winter Sessions

Arrangements are now in hand for a series of lectures, etc., to commence in November and to be held in the Clubhouse of the West Bowling Golf Club. It is hoped to hold a Dinner for the members and wives in the New Year following the success of the first venture. Members will be circularised with the dates of the events.

New Member

We welcome to the Section the following new member Mr C. Ramsden, of the Cleckheaton Golf Club.

IRISH

Chairman
J. TEMPLE
(Portmarnock G.C.)

By G. Angier
Hon. Secretary
50 Ballinless Avenue
Dundrum, Dublin, 14

Autumn Tournament

I AM GLAD TO REPORT THAT WE had 32 playing members for our outing to Ballray Golf Course. A lot of hard work went into arranging this Tournament but I am sure everyone present enjoyed themselves. The results were as follows—

1st, P Cave, Malahide G.C. 76; 2nd, Phil Cullen, Milltown G.C. 80; 3rd, J Mooney, Bangor G.C. 82, 4th, D. McDonnell, Grange G.C. 83; 5th, F Day, Haoth G.C. 86; 6th, S. Masden, Milltown G.C. 87

I would like to thank the following firms and individuals for the prizes they supplied for the Tournament. T Lenahan & Co.—tea set; Irish Dunlop Co. Ltd.—two dozen golf balls; Dairy Engineering of Ireland—one dozen golf balls; Leyland Ltd.—shooting stick; Wallie Sullivan—wood covers; Mr Brady—two guineas; Dan O'Brien—two guineas; Kilroy Bros—Spalding one dozen golf balls; Phil Lawler—pullover; Gorevans Bros.—Rael-Brook shirt and shopping bag.



BY APPOINTMENT TO
HER MAJESTY THE QUEEN
Seedsman

IMPROVE YOUR TURF WITH CARTERS GRASS FERTILISERS

CARTERS AUTUMN/WINTER ORGANIC GRASS DRESSING

An almost entirely organic dressing, does not force grass growth, specially recommended for Autumn and Winter use on poor soils where a better turf is required. Apply at 2 to 4 oz. per square yard.

1 cwt. 60/-; 5 cwt. at 58/6 per cwt.;
10 cwt. at 57/- per cwt.;
Per ton £55 0s. 0d.

CARTERS OUTFIELD AND FAIRWAYS FERTILISER (Autumn/Winter)

Specially recommended for encouraging strong root-growth on all large turf areas, particularly if subject to hard winter wear. Apply evenly at 5 cwt. per acre.

1 cwt. 41/6; 5 cwt. at 40/- per cwt.;
10 cwt. at 38/6 per cwt.;
Per ton £36 10s. 0d.

Full details of Grass Seeds, Fertilisers and Maintenance Equipment are now available in our "Autumn Price List" post free on request. The 1966 Edition of our illustrated booklet "Treatment of Golf Courses and Sports Grounds" Free on request

GOLF COURSE ARCHITECTS AND GRASS SEED SPECIALISTS

Telephone: Wimbledon 5111
Sports Turf Advisory Dept.



RAYNES PARK
LONDON
S.W.20

New Members

We welcome to the Section the following new members Thomas O'Brien, Sean Fagan, Michael Murray, Thomas Quigley, Owen O'Connor, D. McDonnell, B. Ennis, N Ennis, Jim Donald, Jim Ennis, T Farrelly

W. E. MOORE

Just as we were going to press we heard with deep regret the death of Mr W E. Moore, Vice-Chairman of the Association.

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.

SITUATIONS VACANT

HEAD GREENKEEPER WANTED immediately for Piltdown Golf Club, East Sussex, 45 miles south of London. 18-hole course, staff of 4. Good salary and modern, rent-free house (garage). Details of age, experience and references to the Hon. Sec., Piltdown Golf Club, near Uckfield, Sussex.

GREENKEEPER REQUIRED FOR nine-hole golf course. House available. Applications, giving age, experience and references, to the Hon. Secretary, Denbigh Golf Club, Denbigh, North Wales.

HAVE YOU A POND ON YOUR COURSE ?

" CLEAR WATER "

" Clearwater " algae control for ornamental ponds, utilising Algimycin GLB-X, is now being marketed by Ian G Walker Ltd., Godstone, Surrey

It is not toxic to most common freshwater fish. Large quantities of decaying algae may reduce the oxygen content of the water to a point to cause fish kill. It is best to remove large masses of floating algae manually before treatment if fish are present in the pond.

Since concentrated " Clearwater " may cause injury avoid contact with drift or desirable plants or crops.

To prevent algae growth with light infestation the Company suggests using half a pound of " Clearwater " for every 2,500 gallons.

For moderate to heavy algae infestation use one pound for every 2,500 gallons. A guide they suggest

<i>Pond capacity</i>	<i>For prevention of light growth</i>	<i>For moderate to heavy growth</i>
625 gallons	2 ounces	4 ounces
1,250 gallons	4 ounces	8 ounces
2,500 gallons	8 ounces	16 ounces
5,000 gallons	16 ounces	32 ounces

FOR HIRE

SISIS AUTOTURFMAN Aerator for hire, £25 per week — Do it yourself. J B. Burnell, 2 Clarence Road, Eaglescliffe, Stockton on Tees.

Mrs Greenkeeper's Own Corner

with Ann Mawson

Once again it is time to prepare Pickles and Chutneys for the winter store cupboard, and it is always as well to have a variety of these in.

Pickled Cucumbers

Split the unpeeled cucumbers from end to end, and cut into pieces 2 inches long. Place in a large bowl, cover with cooking salt, leave for 24 hours. Drain off the liquid, and pack the cucumbers into jars. Fill up with cold spiced vinegar, cover, and leave to mature for about 3 months before using.

Spiced Vinegar for Pickling

To each quart of vinegar (white, malt, cider or wine) add $\frac{1}{4}$ oz. each of the following spices peppercorns, cloves, chillies, allspice mustard seed and root ginger

Bring just to the boil in a covered pan, then remove from the heat, and allow to infuse till the vinegar is flavoured (about 2 hours) Strain and use as required. If you like a very spicy flavour, the actual spices may be included in the pickle, either in between the layers of vegetables, or placed in the top of each jar, tied if desired in a small muslin bag, so that they may easily be removed.

Pickled Mushrooms

1 lb. of small young mushrooms, $\frac{1}{4}$ of an onion (chopped), vinegar, 1 teaspoonful of ground ginger, 2 blades of mace, 1 teaspoonful of salt, $\frac{1}{2}$ teaspoonful of white pepper

After removing the stalks, wash the mushrooms in salt water, and drain well. Peel them, put them into a casserole

with sufficient vinegar to cover, and add the rest of the ingredients. Cook slowly in the oven, until the mushrooms are quite tender and have shrunk, then lift them out, put into jars, and pour the hot vinegar over them. Cover as usual.

Red Tomato Chutney

4 lb. red tomatoes, 1 oz. mustard seed, $\frac{3}{4}$ of a pint of white malt vinegar, 1 oz. of salt, 2 teaspoonsful of allspice, $\frac{1}{2}$ lb. sugar, $\frac{1}{2}$ teaspoonful of cayenne pepper

Peel the tomatoes by immersing them in boiling water for 2 minutes, then plunging them into cold water—the skins will then come off easily Tie the mustard seed, and allspice in a muslin bag, and add with the cayenne to the tomatoes.

Boil until reduced to a pulp ($\frac{3}{4}$ of an hour), and add the sugar, salt and vinegar Continue boiling until the right consistency is obtained (about 1 hour) and bottle in hot sterilised jars.

Take care to reduce the mixture sufficiently, otherwise the chutney will be too liquid.

Pickled Nasturtium Seeds

Nasturtium seeds, $\frac{1}{2}$ pint of white vinegar, $\frac{1}{2}$ teaspoonful of salt, 1 bay leaf, 3 peppercorns.

Pick the seeds on a dry day, wash and examine for insects. Dry well, then put in a cool oven or the sun to dry To prepare the vinegar, put the salt, bay leaf, peppercorns, and the vinegar into a saucepan and bring to the boil, remove from the heat, and infuse for $\frac{1}{2}$ an hour at least, then cool. Pack the nasturtium seeds into jars, and cover with the cold spiced vinegar Cork securely in the usual way

—Until November