

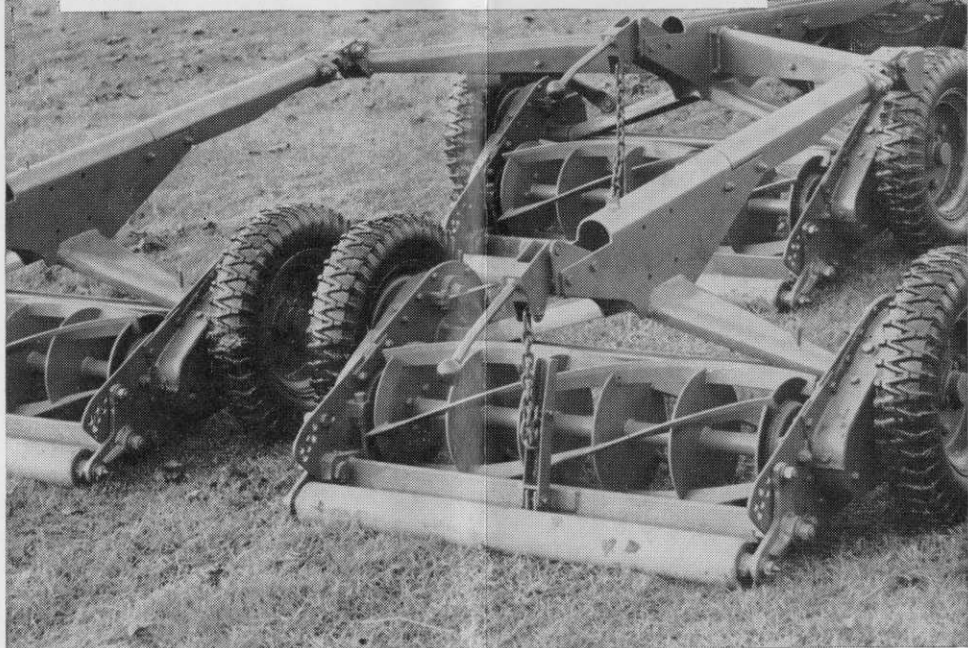
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GREENS 20-FOUR MOTOR MOWERS

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THE BRITISH GOLF

GREENKEEPER

HON. EDITOR: F. W HAWTREE



FOUNDED 1912

PUBLISHED MONTHLY FOR THE
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GREENKEEPING AND THE GAME
OF GOLF BY THE BRITISH GOLF
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The Association is affiliated to the
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No. 255 New Series

JUNE 1966

*A sportsman to the nth degree
In the fairways, on the tee,
He never lets his shadow screen
My putting line upon the green.
But once my ball is on its way
Right for the hole, it's in, I'd say
He opens up in frenzied din—
"Great shot! You've got it, boy! It's IN!"
It's NOT it never makes the cup,
But would have if he'd just shut up!*

—S. L. Kuykendall

JUNE

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EDITORIAL AND ADVERTISEMENT OFFICES: Addington Court Golf Club, Featherbed Lane, Addington, Croydon, Surrey Telephone: SANDerstead 0281. SUBSCRIPTION RATE: 14/ for 12 issues post paid. Published during the first week of each month. LATEST COPY DATE: 8th of month prior to insertion. All rights reserved. Reproduction of original articles and photographs in whole or in part is prohibited. This Magazine shall not, without the written consent of the Publishers first given, be re-sold, lent, hired out, or otherwise disposed of. Contributions and photographs of interest are invited.

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No need for us to extol the individual virtues of our mowers. ATCO has been synonymous with quality for over forty years. All this experience and all our advice is yours for the asking. Our wide range of grass-cutting equipment for every purpose is matched only by ATCO's unique nationwide servicing arrangements.

May we suggest a demonstration on your own turf?

Here we feature the ATCO 20" Heavy Duty Mower, a medium width machine for high mowing hour-age with minimum maintenance. This rugged machine costs £84 and a 24" version is available at £104.



During the next few months, we shall show all our large machines in our advertisements —motor mowers from 20" to 34", Rotarys and Gang Mowers. If you can't wait that long, we will gladly supply full details on request.

TEE SHOTS



by the Editor

What will happen when Man becomes extinct? It is, perhaps, unfair to bother you with frivolous questions of this sort when the grass is growing strongly and four-balls crawl endlessly across the green. You and I will not be concerned at the critical times unless the end comes explosively (and even then, not for long). But, in order to keep up with our apprentices, we ought, now and again, to turn our minds to the wider scene unfolding in the Out of Bounds.

The question seems likely to be resolved much sooner, relatively, than the few billion years it needed for the Brontosaurus and the Diplodocus to go out of circulation. Those competitors, as you will remember, developed boots too big for their brains and had to drop out of the race. Man has developed his extremities the other way round and, consequently, seems likely to do himself in by overeating, starvation through overbreeding, or stagnation in traffic jams.

It so happens that the natural successor to Homo Sapiens is one that we know better than most. The family name is Graminae, vulgarly known as Grass.

The grasses are very well placed to take over where we leave off. They scratch out an existence in situations far less favourable than those which our ancestors survived. They have never, so far as we know, complained of being under privileged and one grass seems able to look at another without wishing to do it violent injury. The colour problem does not arise—even a fescue at St Andrews may turn brown while Zoysia in

(continued on page 15)



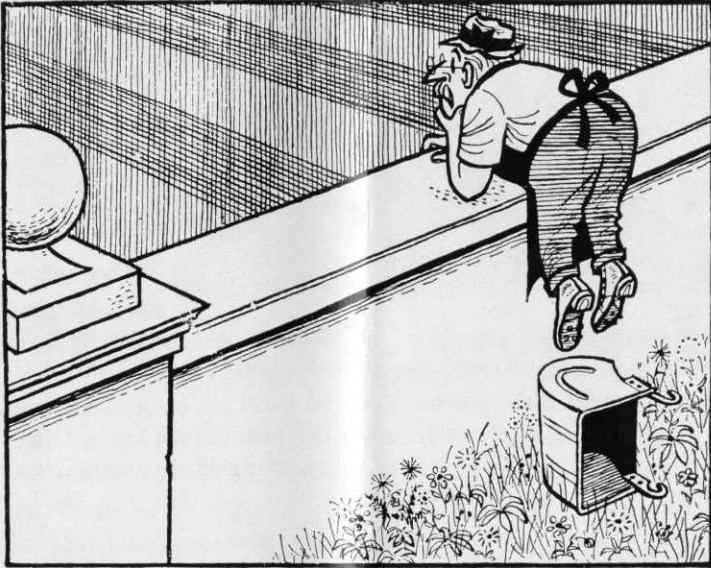
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**When the grass
on the other side
looks greener**



**yours needs
SPORTSTURF VELVETONE!**

I.T.P. Sportsturf Velvetone is the organic lawn conditioner proved in action on the royal lawns at Ascot and the grass courts at Wimbledon.

For less than £15 an acre, the autumn/winter formula of Sportsturf Velvetone will condition your fine turf areas beautifully. Forty per cent organic, it contains trace elements and carefully balanced lawn foods exactly suited to the finer grasses.

It assists root action all winter long but doesn't encourage vigorous top growth until spring. (If you're a greenkeeper who hasn't the time or labour to apply turf dressing during the playing season, you'll find Sportsturf Velvetone extremely useful.)

For less-fine turf—I.T.P. Winter Outfield Fertilizer Seventy-four per cent organic, this high-grade fertilizer costs less than £10 an acre. It's excellent for cricket outfields, golf fairways, football grounds and other large sports areas. Good for construction of new grass surfaces too. (Also available with selective weedkiller.)

Order now from your local merchant or Fisons representative.



VELVETONE

GRASS VARIETIES

By

B. C. CLAYTON

The Sports Turf Research Institute

MANY professional men in green-keeping these days like to know exactly what species of grass are contained in the mixtures supplied to them by their seedsmen—and rightly so. In fact they like to order their seed to a specific prescription either composed by themselves or recommended to them by an advisory organisation like the one at Bingley. Best results are obtained from using a seeds mixture which is specially designed to suit particular conditions.

Species and Variety

It is not enough, however, just to specify the *species* of grass (Perennial ryegrass for example). The *variety* (S.23 or Kent Indigenous or whatever else) is almost equally important. The plant breeders and selectors have been quite busy in recent years and there is often a wide choice of variety

Perennial Ryegrass

To take Perennial ryegrass first. This is a grass which is usually included in mixtures for fairways and sometimes for tees—perhaps something like 20 per cent of the whole seeds mixture. There are about 20 varieties (of those now commercially available) which are useful in sports turf. Some of the best are S.23, S.101, New Zealand, Kent Indigenous, Brabantia, and Sceempter (two Dutch varieties) and Melle (Belgian)—all good, dwarf, persistent varieties of Perennial ryegrass. At the other end of the scale, varieties like Irish commercial will not last long in regularly mown turf

Timothy

Those who like to use Timothy in three seed mixtures with or instead of Perennial ryegrass have the choice of two good persistent varieties, S.50 (British) and King (Dutch). Unfortunately the price (upwards of 12s. a lb.) limits the use of these excellent varieties.

Browntop

Most of the browntop available is either the Oregon variety or Dutch—Holfior for example. New Zealand browntop is now practically extinct.

Browntop and Chewings' fescue form, of course, the basis for seeds mixtures used on putting greens in Great Britain.

Chewings' Fescue

There are good varieties of Chewings' fescue also, including Oregon. When using this variety in the finest turf, Oregon Grade 1 (crop free) should be stipulated since Oregon Grade 2 can include impurities like Perennial ryegrass. The Dutch variety Highlight is probably the most highly regarded at the present time and Brabantia is also very good.

Creeping Red Fescue

Reliable varieties of creeping red fescue include S.59, Canadian, Brabantia, Oasis and Golfrood (the last three being Dutch). Some creeping red fescue varieties suffered a good deal from Dollar spot disease in trials at Bingley. Always bear in mind the fact that no variety of true creeping red fescue will persist long in turf which is mown at putting green height. Because of this dislike for close mowing creeping red fescue is a grass which is more useful for fairways than for greens and tees.

Crested Dogstail

Fifteen to 20 per cent of crested dogstail makes a useful contribution sometimes to mixtures for fairways and tees. The New Zealand variety is the most reliable but Irish and Dutch are also available at a slightly lower price.

Smooth Stalked Meadow-Grass

With the selection of some really successful varieties, smooth stalked meadow-grass is becoming more and more popular in mixtures for fairways and tees. The grass is strong, hard wearing and will

thrive even in dry, sandy conditions. It has its weaknesses, however, being slow to establish, rather susceptible to *Holminthosporium* leaf spot and intolerant of very close mowing. There are several good varieties. Prato, a Dutch selection, is one of the best, though in rather short supply at present and Campus (Dutch) and Cambridge (British) are also very worthy of mention.

Take advice When in Doubt

Choosing the best mixture for a particular golf course can be quite a complicated business in view of the varieties available, and it is easy to go wrong unless one is familiar with all the different possibilities in the way of species of grass and their varieties. Take good advice therefore if in any doubt. When you order the seed ask the seedsman for a certificate indicating trueness to variety and country of origin, together with percentage purity and germination figures for the seed. Finally, always deal with a reliable seedsman, one with a good name whom you can trust.

SITUATIONS VACANT

HOTEL ATALAYA PARK, MARBELLA, Spain requires first-class Greenkeeper for its already constructed and seeded 18-hole International Championship Golf Course. Apply to the Secretary

ASSISTANT GREENKEEPER REQUIRED. No accommodation. Write stating age, experience, etc., to:—The Secretary, Old Fold Manor Golf Club, Hadley Green, Barnet, Herts.

HEAD GREENKEEPER REQUIRED FOR course in Southern Home Counties. Must be experienced in upkeep of greens and maintenance and use of modern machinery. Top wages for right man including three bedroom house on Course. Apply:—The Secretary, Hankley Common Golf Club, Tilford, Farnham, Surrey

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.

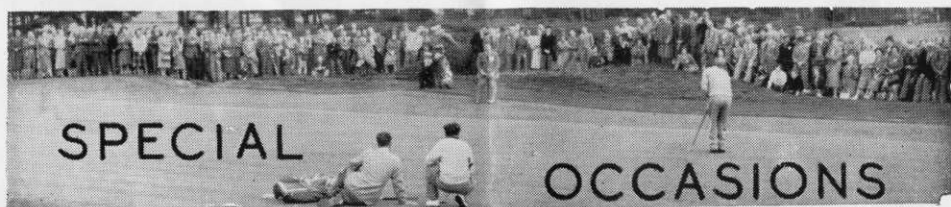


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"We have installed B.O.I.L. Pop Up sprinklers at Parkstone because we insist that our greens are always in championship condition," says Peter Alliss.

What better recommendation could we offer to you? Pop up sprinklers with an automatic controller to carry out a pre-arranged programme at night, and the self-travelling sprinkler watering almost an acre at one setting provide the Parkstone Club with first class playing conditions—they could do the same for your club! Installation does not affect play **STOP PRESS!** latest installations include Brockenhurst, Fairhaven, Studland and Sunningdale.

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JUNE	7th	Northern A.G.M., The Mansion, St Ives, Bingley, 6 p.m.
	8th	
	9th	S.G.G.A. Annual Tournament, Ralston Golf Club.
	12-14th	Southern Section Visit to Bingley.
JUNE	20th	S.U.G.C. Greenkeeper's Competition, Lindrick Golf Club.
	28th	
JULY	4th	Midland A.G.M., Habberley Golf Club, 7 p.m.
	26th	South-West Annual Tournament, Little Aston Golf Club.
AUGUST	8th	Annual Tournament, Little Aston Golf Club.
	9th	
	10th	
SEPTEMBER	22nd	Nort-West Autumn Tournament, Hazel Grove.

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Nitrogen Fertilizer

Nitroform is an organic turf fertiliser containing 38% nitrogen.

- * Does not scorch
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- One application feeds the grass for a whole year, giving a healthy sward of a rich deep green colour and a strong root system. Also available in compound fertilisers. Ask for **Nitroform** at your usual supplier of fertilisers. In case of difficulty write to



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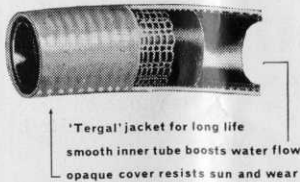


'Supplex' Sprinkler

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 soaks 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.

'Tricoflex' Reinforced Plastic Hose

For conveying water, Tricoflex is three ways superior to rubber hose. Tricoflex withstands the kind of rough handling that soon destroys a rubber hose: it weathers better—it is particularly resistant to long exposure to the sun—and its light weight and suppleness make it easier to coil and carry. Tricoflex hose is constructed of 3 layers: black P.V.C. inner tube, with mirror finish for optimum water flow, knitted jacket of 'Tergal' polyester fibre and an opaque vivid yellow outer cover of polythene. Tricoflex has been proved in rugged tests on building sites will last you years!



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 (M of A 1477)

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 (M of A 1478)

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 (M of A 1479)

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 practised. 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.

groundsmen & greenkeepers

Wormkiller

Berk 25% Chlordane Wormkiller

Berk Chlordane kills worms *underground*, also controls leather-jackets, ants and chafer grubs. It is cheap and easy to apply—calling for 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% Chlordane Wormkiller (Granular)

Applied at 80 lb. per acre, granular can be particularly useful where grass is kept long or the sward is thick.

Turf Fungicide

This fungicide contains the equivalent of 2½% Mercury and gives excellent control of Fusarium Patch (*F. nivale*) and Dollar Spot (*Sclerotinia homococarpa*) in Turf. Apply in late summer or spring for Fusarium control, or when symptoms appear for control of Dollar Spot.

Application. 1 oz. per 40 sq. yards in 2 gallons of water or with 14 lbs. sand for wet and dry methods respectively

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FOR LEAFLETS AND PRICES**

Weedkiller

Turf Weedkiller—Standard

(Ministry Approved)

A selective weedkiller controlling broad-leaved weeds in turf.

Application. 2-4 fl. oz. per 120 sq. yards in not less than half gallon of water (4-8 pints per acre in not less than 20 gallons).

Turf Weedkiller—Super

(Ministry Approved)

A selective weedkiller controlling clover and chickweed in addition to other common broad-leaved weeds in turf.

Application. 3-4 fl. oz. per 120 sq. yards in not less than half gallon of water (6-8 pints per acre).

Free advice from Britain's most experienced Groundsman

Bert Lock was Chief Groundsman at The Oval for twenty years. Now, as the retained consultant of Berk Limited, his wealth of experience is at your disposal. He will take a look at your turf and give an expert, unbiased opinion on it. The service is entirely free. For immediate attention, write to Berk at the address below.



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(tick as appropriate)*

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| <input type="checkbox"/> Moss Control | <input type="checkbox"/> Turf Fungicide | <input type="checkbox"/> Weedkiller |

NAME..... POSITION.....

ADDRESS.....

BGG 3



HON. SECRETARY'S NOTES

1966 Annual Tournament

AN ENTRY FORM FOR THE above is enclosed in this Journal. Do not delay in returning it to me if you are coming to Little Aston.

Annual Draw

Tickets are now in the hands of Section Secretaries and it is hoped that all members will make a great effort to ensure the financial success of this draw. The prize allocation has been changed by agreement of the Executive and the usual prizes for the seller of the winning ticket and the most tickets, will again be given, although not stated on the tickets.

Open Championships

The Secretary of the Royal and Ancient Golf Club has very kindly promised to allocate twelve passes for the "Open" at Muirfield. Any member who would like to make use of one should apply to me as soon as possible—first come, first served.

C. H. D.

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