Hankley Common's greens staff

fully met with this new development.

Greenkeeper training takes place on-site in the practice and use of chainsaws, machinery maintenance, use of machinery and

greenkeeping practices. Hankley Common is forwardthinking with regard to staff training and off-site training is organised. Staff are encouraged to take advantage of training for apprentice qualifications in a block release form. We currently have a school leaver on YTS and his training includes block release. Staff are encouraged to attend educational seminars, and trade presentations on special topics.

Plant and machinery in use includes:-

- 3x tractors
- 1x hydraulic 5-gangmowers
- 4x triplex mowers
- 8x handmowers
- Back hoe
- Molex tanker
- 2x landrovers
- 2x fairway spikers
- Cushman & attachment
- Vertidrain

There is a documented machinery replacement plan which has adequately been covered in the earlier article by John Harris.

Routine plant and machinery maintenance is mostly carried out by our own staff. The routine maintenance programmes include greasing, oil changing, filters, points and plugs etc. General checks to safety features and most



breakdowns and repairs such as bearing changes, tractor clutches, welding and winter overhauls are undertaken. A minimum of repair work and servicing is sent out to contract

As far as the Health and Safety regulations are concerned we have written procedures which all staff must read and sign that they have read and have understood and are aware of their reporting responsibilities and their own conduct relating to these matters. Each greenkeeper is supplied with protective clothing. Staff are made aware of the legislation relating to chemicals. Three of our staff will be required to take the written and practical examinations required by the new legislation. Routine safety checks are carried out to all machinery and staff are instructed to report any defects. They are instructed in the safe use of machinery and the safety practices to be followed when spraying. Currently, consultancy is taken from the STRI under the subscription which entitles us to publications and remote

advice. There has been no visiting agronomist since 1984 but it is planned to extend our STRI subscription this year to include a visit. The area of heathland that is known as Hankley Common is a site of special scientific interest and therefore we enjoy the free advice of the Nature Conservancy Council. The golf club lives quite happily with this important body as it also does with the Forestry Commission who have been most supportive of our woodland management programmes.

To conclude, the practices relating to the management of this unique Surrey heathland course are designed for the conservation of those indigenous features which are most suitable for golf by using sound cultural practices that maintain good health and encourage and improve these indigenous features. We work with nature at all times, and whilst we occasionally assist nature, we are determined to avoid long term failures for the sake of short term gains available through the incorrect use of chemicals and fertilizers.

Jacobsen 84" Turf King

C/W Grass boxes, rollers. Kohler engine. Good condition, only used in private garden by owner from new.

Offers over £2,000 to:-

John Barrell Tel: 028 487 397 BLACK FEN TOPSOIL TEL: G.J.MOYSES (0733) 69447



Ritefeed offers you the Rite product for the job whatever the problem.

Soil Improvers

- Ritefeed feeds the soil as well as the turf.
- Ritefeed with Iron the benefit of Ritefeed with a green up.
- Ritefeed with Iron and Magnesium - sandy soils and sand construction, the Rite answer.

New Products

- Ritefeed with Blood it's the best, try it and believe it.
- Liquiturf 100% natural grass juice.
- Liquiturf with Iron goodness, greenness.
- Liquiturf with Blood enzymes, nitrogen, iron and it's totally organic.

Feeds

- Ritefeed Spring & Summer the name says it all.
- Ritefeed Extra N a growing success.
- Ritefeed Foliar perfect for turf under stress.
- Ritefeed Fairway economical balanced feed.
- Ritefeed Autumn & Winter Conditioner with Iron - winter hardiness with a green up.

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- Aquarite with Iron the Rite answer to water problems.
- Rite Moss effective and economical.

New Product

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YOUNG GROUNDSMAN OF THE YEAR

Professional Products

GROUNDSMAN 9F THE YEAR A·W·A·R·D·S

MASTER GROUNDSMAN OF THE YEAR



manufacturers of **Longlife**

~1988~

Fertilizers of the future

PRIZES WORTH OVER £10,000! IN THE INDUSTRY'S BIGGEST EVER COMPETITIONS

The 1988 Master Groundsman and Young Groundsman of the Year competitions are open to *everyone* involved directly in the management or maintenance of sports and leisure turfculture facilities: groundsmen, greenkeepers, parks officers, local authority amenity maintenance staff, contractors, playing field officers, estate managers, trainees and apprentices - and students too. There is no entry fee and membership of The Institute of Groundsmanship is not necessary.

> Completed Application Forms should be returned to The Institute of Groundsmanship 19-23 Church Street - The Agora - Wolverton - Milton Keynes - Buckinghamshire MK12 5LG not later than Tuesday 31st May 1988.

NOTEBOOK...

A new path from Chipman

TEEPATH is a thermoplastic walkway for tee approaches and heavy wear areas on golf courses.

The life and practical usefulness of any tee, especially artificials, is seriously affected by the deposition of mud on the surface. TEEPATH, from Chipman, is designed to reduce this dramatically and give a clean, pleasing surround to the tee.

TEEPATH is a high performance, interlocking, perforated thermoplastic tile, with a nylon mesh underlay, and provides a slip resistant, free draining, durable pathway. The nylon mesh underlay protects the surface from mud seepage and permits



grass to grow through. TEEPATH can be laid directly onto an undulating surface or on a prepared level base. Installation is as simple as impacting the tiles into the ground with a rubber mallet on top of the nylon mesh. TEEPATH is supplied in a pack which contains a sheet of pre-clipped tiles which measures 4' x 12'6" with nylon mesh underlay, enough to cover 50 square feet.

STEVE SET FOR CHARITY ADVENTURE

3000 MILES in 30 days to raise £300,000 on a lawnmower for the Great Ormond Street Hospital for Sick Children 'Wishing Well' appeal.

That is the aim for Steve Perritt in his attempt to break the world record for the longest distance travelled on a lawn mower. The current record held by Ben Garcia of America stands at 2,801 miles in 38 days across America.

When Steve, who owns a touring and camping park in Oxfordshire, read of the existing record it crossed his mind that to set a new record would not only appeal to his sense of adventure but would be the basis for a major fundraising effort.

Having a daughter - Kate, who has had extensive treatment at Great Ormond Street, Steve and his wife Jacqui felt that the 'Wishing Well' appeal to rebuild the hospital was a very worthwhile cause.

Meetings were then held with the major sponsors - Kubota UK Limited, who agreed to provide a Kubota G3HST rideon lawnmower for Steve's record breaking run.



Steve Perritt

Various costs were identified and sponsors found to cover them so that the maximum effort could be placed on reaching the target. The date was fixed for St. Valentine's day, setting off at Great Ormond Street Hospital. This coincided with the hospital's birthday and the team of five presented Great Ormond Street with a massive birthday cake prior to their departure.

New process hard-baked!

ANEW painting process, just installed by compact tractor and ride-on-mower manufacturer JOHN DEERE, bakes extra toughness into every painted component. Nearly £14 million has been invested in installing the system at the JOHN DEERE works in Wisconsin. USA, to give a finish which looks factory fresh longer and is more rust resistant. Each machine part is first thoroughly cleaned in a seven stage pre-primer process. Only then is the primer cost electropainted on the metal surface. The primer and metal are given opposite electrical charges which ensures a uniform and strongly bonded coating which is then firmly baked on at 425F. The final top coat resembles the process of enamelling rather than traditional paint spraying. A dozen spray guns spray paint powder on to primed parts which are then baked. At 425F the paint powder melts and flows across the component surface before baking to a tough hard finish with a deep lustre.

NOTEBOOK

A NEW concept in commercial sponsorship started in Britain recently - sponsored seat benches at private golf clubs throughout the country. Advertisers are being given the chance to reach the highspending 5.5 million participants in one of the UK's most popular recreational activities - and catching their target audience when they are at their most relaxed: taking a breather or waiting to tee off. It is estimated over one million men and women play at least once a week.

Already many of Britain's leading courses have agreed to accept benches, and negotiations are being conducted with advertisers ranging from the Ravel shoe group and men's wear manufacturer Honorbilt to Johnny Walker whisky . In addition to national advertisers, companies such as builders, solicitors and estate agents are being invited to participate on a local or regional basis.

The company running the scheme is Master Seats Ltd, formed by Alan Zoltie, joint managing director of premiums and incentives specialists Alan Salter (UK) Ltd, and fellow golf enthusiast Colin Levene, an accountant.

"The idea came from noticing the number of sponsored benches in New York, coupled with a personal belief that benches on golf courses would be a good idea," say Zoltie.

'The benches are purposebuilt from 80-year-old teak and designed to complement any surrounding. The sponsor's message will not be in any way obtrusive so as risk offending or down-grading a club's image.

Master Seats is offering sponsorship on a three-year basis with a minimum of 20 benches per national advertiser at £450 per bench. Local companies are being offered the option of single bench locations at £650 each. For further information

contact: Master Seats Limited, 3 Kendrick Mews, London. SW7 3HG Tel: 01 225 0404

New at Mitsui

MITSUI Machinery Sales (UK) Ltd., distributors of the Yamaha range of machinery, have established a range of new power products department for the sales and marketing of their new range of lawn mowers, and their range of generators, all terrain vehicles and golf cars.

Mike Bush is appointed as sales manager of the new department, and joins Mitsui with extensive experience of the requirements of the grass machinery market and the needs of associated specialist dealer trade.

Also appointed is Phil Everett, who joins Mitsui as area sales manager.

Sales & marketing director, Ray Ross, said: "These new appointments are initial steps in our plans to become a major force in the market, and we are already seeking another area manager".

GOING SPARE!

SOLE distributors throughout the UK for the R & R Products Company of Tuscon, Arizona, who manufacture top quality spare parts suitable for imported American turf and grass machinery are Gerald and Trevor Brooks of Turf Machinery Hire.

R & R guarantee that their products are equal to or better than the original and their prices reflect considerable savings over original manufacturers prices. Initially, parts available are suitable for use with Toro, Ryan and Cushman machinery. As demand increases the full range of R & R spare parts will become available. For further information contact Gerald or Trevor Brooks on Woking (04862) 28658 & 64467.

New option for valves

WEATHER-MATIC has announced a pressure regulating option for their 8000CR and 11000CR series valves. The XPR pressure regulating module senses inlet pressure and maintains constant outlet pressure regardless of inlet pressure variations.

The Weather-matic pressure regulator may be installed in the field on existing Weathermatic valves where pressure regulation is required. Equipped with manual flow and bleed control, the XPR module regulates pressure when valve is operated either electrically or manually. A downstream connection is provided for accurate pressure sensing. The XPR will accommodate a maximum inlet pressure of 150 psi.

The Weather-matic division of Texas Industries is based in Dallas, Texas and manufactures a complete line of irrigation controllers, valves and sprinklers.



NOTEBOOK

MIKE LAWTON LENDS A HAND WITH £1.4 MILLION HEADQUARTERS

FERTILISER specialists VITAX have started work on their new £1.4million production, sales and distribution headquarters at Skelmersdale, Lancashire.



Technical Director Mike Lawton, is pictured here lending a hand at the start of construction watched by Sales Director, Trevor Holmes. Completion is expected by the end of June 1988, For further information contact: Richard Frost on 01-736 9328 or Trevor Martin on 0704 893311.

HISTORICAL VIEW

SCOTLAND at play is an exhibition on the history of sport in Scotland.

Using records from the past, as well as paintings and objects, the exhibition gives an intriguing insight into the development of a range of sports and pastimes still popular today, including golf.

It is amusing to learn that some 500 years ago, in 1424, football and golf were so frowned upon as distractions from military training that they were banned (to little avail, it would seem, for the ban was renewed only a few years later).

The exhibition 'Scotland at Play' is on at the National Library of Scotland until 15 May. Admission is free.



BOTHWELL CASTLE GOLF CLUB

require

HEAD GREENKEEPER

Applications are invited from fully experienced persons with suitable qualifications and a through knowledge of Course Management and Machinery Maintenance combined with a proven management ability. Salary negotiable. Written applications with full Curriculum Vitae to:-

> The Secretary, Bothwell Castle Golf Club, Blantyre Road, Bothwell, Glasgow. G71

BROUGH GOLF CLUB

require

FIRST ASSISTANT GREENKEEPER

No accommodation. Applications in writing with full C.V. to:-

> THE HEAD GREENKEEPER BROUGH GOLF CLUB BROUGH NORTH HUMBERSIDE HU15 1HB

You can easily bring the worst out of your turf

In every frequently cut area of turf there lurks one of the worst problems you could find – thatch.

Of course, a little bit of thatch is normal and helps the turf wear better. But, if it builds up too much, it will block out air, light and water from reaching the roots with disastrous results.

Ryan produce a range of scarifiers designed to bring the worst thatch out of your turf – and to perform other tasks as well, like deep slicing the surface or breaking up cores after hollow tine aeration.

There's the powerful 19 inch, 10hp Mataway seen here – and now there's the new Mataway Overseeder as well. Then there's the versatile 18 inch Ren-O-Thin's, in 7hp and 5hp versions.

When it comes to bringing the worst out of your turf, it pays to put the best equipment on the job – and that means Ryan.

PROFESSIONAL TURF CARE EQUIPMENT Aerators, Scarifiers and Turf Cutters

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HAVE YOUR SPRINKLERS LOST THEIR IMPACT?

REPLACE THEM WITH TORO, THE TOP PEOPLE'S CHOICE!

Ask your Head Greenkeeper if he's totally happy with the performance and reliability of the sprinklers around your course. If there are doubts, call your nearest Toro Distributor for helpful professional advice. He will show you the range of Toro geardriven sprinklers designed especially for golf course watering. He will tell you just how technically superior they are – how they can improve watering efficiency and just how simple it is to improve your existing system.

Top people's choice? You'll find Toro Sprinklers watering the sacred turf of St. Andrews, Centre and No. 1 Courts, at Wimbledon and the pitch at Wembley Stadium...

> P.S. Toro make sprinklers to water greens, approaches, fairways and tees – putting areas too!



people's choice

Toro Irrigation Limited Unit 7, Millstream Trading Estate, Ringwood, BH24 3SD, Hampshire. 04254-6261 Your Toro Distributors are: Home Counties, East Anglia & South East

Home Counties, East Anglia & South East Golf Landscapes Irrigation, Brentwood. Tel: 0277-73720 South & South West Irrigation Slurry Services, Downton, Wilts. Tel: 0725-20377 Midlands, North, Scotland & Wales Turf Irrigation Services, Sandbach. Tel: 04775-255 NOTIEBOOK



A REAL asset for all types of golf courses and driving ranges which, until now, during bad weather, have had to rely on small size unresponsive mats, is MASTERTEE, manufactured from a composite of coconut fibres and polyproperlene, upright to a height of some 30mm.

Chipman MASTERTEE is designed to fit flush with the surrounding turf, which makes it less obtrusive, more pleasant to play off and provides a new answer to the problems caused by waterlogging and heavy usage throughout the worst months of the year.

MASTERTEE is also available with a thick resin backing which adds strength to the base and in this form is ideal for driving ranges or for use on hard standings such as concrete bases.

Large sizes (1.5 x 1.5yds; 1.5 x 3yds; 1.5 x 4.5yds;) give ample room for players and varied tee positions.

The tightly woven coir and nylon fibres are weather resistant, porous and will not rot or mould.

The tee is ideal for irons and woods. It responds like natural turf on impact and will not harm club heads.

For further details please contact: David R. Knight, managing director, Chipman Ltd., Horsham, Sussex. RH12 2NR. Tel: 0403 60341

THERMAY (STACERITE) products Ltd have announced their appointment as distributors of the Mommersteeg range of Grass Seeds for Dorset, Wiltshire and parts of Berkshire. Gloucester and Oxfordshire. The move follows Thermay's very successful first year selling Mommersteeg Seeds. Thermay are already well known for their STA-BRITE range of sports goals, cricket sight screens and flagpoles. In addition, the Farnborough based company is rapidly becoming recognised throughout the south of England as a reliable wholesaler of grounds maintenance supplies, offering leading makes of chemicals, fertilisers, spreaders and sprayers, drainage pipes, line marketing products, bench seating and a wide range of sports equipment. For further details contact Ken Marcham or Trevor Simmonds on (0252) 512595.

NEW, IMPROVED COMPACT TRACTORS LAUNCHED

NEW and improved compact tractors have been launched by Massey-Ferguson as part of its ground care and maintenance equipment range.

The company, the West's largest manufacturer of tractors, is introducing two new models - the 21hp M-F 1020 Hydro and the 31hp M-F 1035 - bringing the M-F compact tractor line up to six machines.

All are available with two or four wheel drive and with a choice of turf or agricultural tyres.

The existing 26hp M-F 1030 has also been upgraded, with improvements including a new synchromesh transmission, live 2-speed pto and wider wheel track settings for extra stability on sloping land.

In addition to these small, lightweight tractors, operators requiring highest work outputs can choose from a number of other models in the M-F range offering greater power, making them ideal for large-scale grass maintenance operations. These extend the range of M-F tractors that can be specially selected for ground care and maintenance applications up to 58 DIN hp.

Comfortable cabs ensure they can be used all-year round, and there is an extensive choice of tyres to suit all needs.



Moving up the power range in compact tractors - this new 31hp M-F 1035 extends Massey-Ferguson's compact tractor line-up to six machines.

NOTEBOOK

TURFLAND Professional Equipment, sole distributor in the UK of the Brouwer range of turf care machinery, will, in 1988, be undertaking major improvements to their existing premises in Cheshire to include new workshops and showrooms. To make room for these alterations they will be holding an open day demonstration and sale on 22nd March, 1988.

The Brouwer range includes reel mowers, vacs, turf cutters lawn renovators and turf rollers.

On offer at the open day will be ex-demonstration machinery and used machinery, with special offers available on brand-new machines. Extended payment terms will be available, subject to status. The sale will take place at the

The sale will take place at the Turfland depot near Warrington in Cheshire between 10.00 am and 3.30 pm.

NEW APPOINTMENTS AT HAYTERS

FOLLOWING last October's acquisition of the Beaver Equipment Company, Hayters plc has announced organisational changes and new appointments.

From 1st February 1988, the sales and marketing activities of both Hayter and Beaver will operate from Spellbrook, Bishop's Stortford.

The company is establishing in domestic and professional machinery. The professional machinery division, incorporating both Hayter and Beaver equipment, will be directed by Richard Smith formerly Beaver's sales director and now appointed to the board of Hayters. Domestic product sales, including key accounts, will be directed by Kim Macfie, Hayters' sales and marketing director, at Spellbrook.

Richard Smith will be based at the Beaver plant in Rustington, West Sussex, and will be assisted by Duncan Martin who has been appointed UK professional sales manager following a successful period as Hayters' South West territory representative. Duncan will operate from Spellbrook.

It is the company's intention that, progressively, the Beaver range will be assimilated into the Hayter corporate identity under the Hayter trading name. The Beaver name will continue as a model designation.

The Hayter range, both professional and domestic, will continue in its current form.

SEAMAC 16

GREENKEEPERS and groundsmen faced with the urgent need to bring greens and pitches into top condition for a special game or tournament are well aware of the need to revitalise turf within a matter of days. A product designed to do just this has been launched by plant growth stimulant specialists Seamac Limited.

Seamac 16 is a newly formulated blend of Seamac growth promoter, supplemented with 16 per cent nitrogen. Seamac say this is just enough to give an immediate 'green-up' effect while Seamac's concentrated seaweed extract gets on with building up the grass plant, increasing the sward's resistance to stress and wear.





VERTI-DRAIN SCORES 100

AFTER hiring a Sports Ground Verti-Drain on several occasions and using it in many different areas, including Buckingham Palace lawns, it was decided that the Department of the Environment should purchase its own machine, together with a new Massey Ferguson tractor.

THE 1988 Kubota Golf Challenge is to be played on Monday and Tuesday, 10th and 11th October at The Belfry It will be the seventh challenge between members of The Association of Golf Writers, the British and International Golf Greenkeepers Association The Golf Club Stewards Association and The It was no surprise therefore to see the one hundredth Verti-Drain sold in the UK being handed over to the Royal Bailiff, Mr Ashley Stephenson, on a cold and windy January morning.

Our picture shows the Royal Bailiff receiving the Keys for the new vertidrain from Michael Hill, watched by David Jenkins.

Association of Golf Club Secretaries. In the past six challenges there has been fierce competition resulting in the greenkeepers having won four times and the secretaries twice. Associations establish their national team representation through qualifying events throughout the summer.



The original FARMURA. For use from initial pre-seeding through to maintenance. FARMURA TURF improves germination, encourages quicker establishment of grass germination, encourages quicker establishment of grass seed, root development, tillering and a dense sward without undesirable flushes of growth. FARMURA TURF encourages fine grasses and can be used in ecologically sensitive areas. As a soil conditioner FARMURA TURF will increase soil bacteria count enabling locked up nutrients to become available to the plant. Other benefits include improved drought and disease resistance.

Uses: Reseeding, golf courses, sports pitches, racecourses, bowling greens, cricket pitches, land reclamation and ecologically sensitive areas.

2 nura green h

FARMURA GREEN is specially formulated FARMURA TURF with the addition of iron and wetting agent. Designed particularly for areas needing a high standard of presentation and a deep green colour without excessive growth. Applications of FARMURA GREEN will encourage the development of finer grasses, improve drought and disease resistance and increase soil bacteria count

Uses: Golf greens, bowling greens, tennis courts, lawns, golf fairways and racecourses.



A tailor made product manufactured to your specific requirements. FARMURA-N can be formulated with other major nutrients to produce a specially balanced semi-organic fertiliser to suit your planned nutritional programme. Available to your requirement by discussion and quotation FARMURA-N offers major savings in time and equipment by only making one application.

Uses: Land reclamation, low input management programmes.

latural solutions to get you grow.

ERROSO

A major development in liquid iron application. FERROSOL, a unique iron-nitrogen bonded complex provides a quick green-up of the turf without over stimulation of growth and without wheelmarks or blackening, FERROSOL in liquid form can be mixed density in water and is immediately available for spray or drench application. Ideal for use at any time when turf is in need of green-up boost throughout the year. Uses: Turf, fine turf, golf greens, bowling greens, tennis courts, lawns, shrubs, etc.

FARMGRAN

An easily spreadable natural seaweed soil conditioner and improver. Applications of FARMGRAN will improve soil structure stimulating micro organisms and aiding moisture retention. FARMGRAN supplies all known trace elements in an organic chelated form for rapid assimilation by plants and fills the "fertility gap" so often present under today's high input management practices. Can also be incorporated into top dressing. Uses: Golf courses, sports fields, landscaping, seeding, planting and land reclamation.

DPG-DICINE

6

When trees or shrubs are lifted prior to transplanting a large proportion of the finer root structure is lost and consequently the plant is subject to much stress and re-establishment becomes more difficult. FARMURA PRE-PLANT is a creamy liquid root dip which reduces dehydration of the roots and provides a protecting semi-permeable 'skin' protecting the roots from damage yet allowing them to breathe and take in moisture. For universition of the contraction of the contract полиция и полиции и полиц

E h For further information on any Farmura products, complete the coupon or write to FARMURA Ltd, Stone Hill, Egerton, Nr. Ashford, Kent TN27 9DU. Telephone: 023376 241

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All Farmura products are readily available from our nationwide network of regional distributors