

Pattisson's Place In The Market

H. Pattisson and Co was founded in 1896 and has a deserved reputation among greenkeepers throughout the UK for service and reliable products.

The company first made leather boots for horses and ponies pulling mowers on golf-course fairways. Founded by Arthur Pattisson Cole, the company was based in a small south London workshop. Target apparatus for rifle ranges was also made at this time.

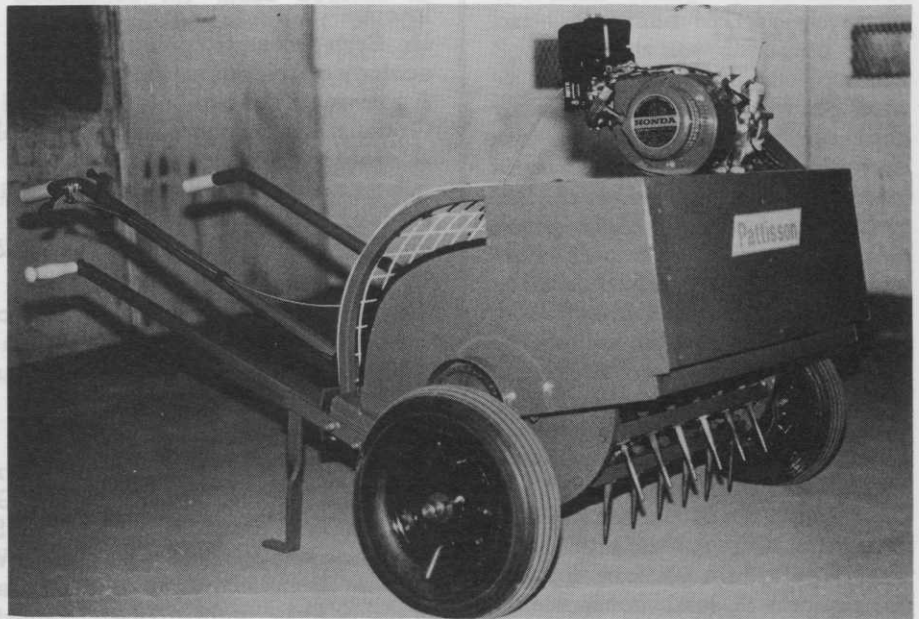
In 1925, Arthur's son Harold realised the potential of tractor mowing. An engineer, he had already produced the first Pattisson tractor—the Metropolitan—followed by the Ford Model T engine Mark 1, which was an immediate success.

By 1926, a full range of greenkeeping tools was being made forcing the company to move to larger premises at Stanmore, Middlesex.

Turf spiking machines were put into production in 1935 and, by the start of the war, a large business was being built up. But, like many other companies, Pattisson was put over to producing a variety of military hardware to help the war effort. Engines and rollers for airfields, mortar bombs and camouflage machinery all carried the Pattisson stamp.

Since the war, the product range has continued to grow and the Roll Up Metal Mat Co was purchased in 1964. Three years later, the world's first hydraulic-powered gang mower was pioneered by Pattisson.

In 1976, the company led the trend



The SP aerator for all surfaces. A long-standing design has been updated to cope with hollow tines, pruner knives and solid tines.

into direct selling with a fleet of fully stocked vans. This resulted in many more greenkeepers becoming responsible for purchasing and, in due course, controlling their budgets. An agent took over the distribution of Pattisson's merchandise in Scotland in 1979—in January, this will become the Sports Turf Service of Newbridge, Midlothian.

As a further move to strengthen the Pattisson name with golf clubs country-wide, the van operated by Peter Marshall in the north has joined forces with Sports Turf Services (Bradford) and the Midlands van, operated by Adrian Whyles, has combined with E.T. Breakwell.

Vans operated in the south-east and south-west will remain under the direct supervision of Pattisson's sales

manager Peter Dell. "Now that we have made these moves and reorganised our business, we are confident that traditional customers, who have been long supporters of Pattisson, will be as well serviced as before. As a manufacturer, we shall once again be able to concentrate our efforts on the machinery side," Peter said.

"We currently produce some 20 items of aeration machinery—strong, reliable, efficient and, above all, good value. Pattisson's 'blue' machines are rugged, simple to operate and maintain. What's more—they are all British!

"Our Tractor Mounted Vertirake (TVR) is unique and the fastest and most efficient slitter for golf course

Continued on page 27...

Watermation

WATERMATION is the leading British Company in this specialized field of golf course irrigation. We have designed and installed automatic systems for more than 200 courses, at home and abroad, including the top championship courses. We can offer you the most advanced equipment, plus years of experience and what is more, the determination to see your job done well.

Sole distributor for **Weather  matic.** turf sprinkler equipment

Monument Way E., Woking
Surrey GU21 5LY
Tel: Woking (04862) 70303
and
30 Bannockburn Rd., St. Ninians,
Stirling FK7 6BP
Tel: Stirling (0786) 70252

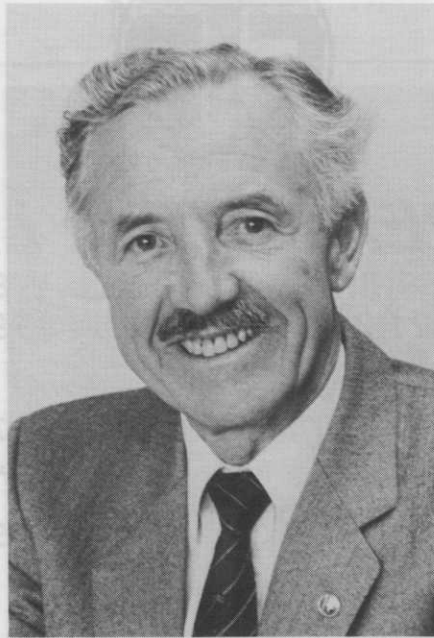
People, Places, Products

Alexander 'Sandy' Sinclair, immediate past president of the European Golf Association, has been appointed chairman of Cotton Pennink Steel and Partners. He is past president of the Scottish Golf Union and a former Scottish golf captain.

For almost four decades, Sandy has been a prominent amateur golfer, having been semi-finalist in the Scottish Amateur in 1947 and 56. He was a Scottish international and winner of many championships and open tournaments at club, county and district levels. He is currently the Scottish seniors champion, having also won the title in 1979.

Cotton Pennink Steel and Partners, established in 1946, has designed over 300 courses in more than 30 countries. The company has worked extensively in the Far East. In recent years, Cotton Pennink Steel has advised the R&A regularly on changes to courses for the Open and Amateur Championship.

Since the mid-1970s, Cotton Pennink Steel has formed a part of the Miller Buckley Group, one of the largest privately-owned construction



Sandy Sinclair.

and property organisations based in Britain. Cotton Pennink Steel is headed by Donald Steel and was founded by Ken Cotton. Its outstanding golf architects have included the late Frank Pennink, designer of many award-winning courses. In Portugal, the company was responsible for two courses in the

Algarve regarded as masterpieces—Vilamoura and Palmares.

Sandy Sinclair brings a wide knowledge of the game and a business background to the company. He is a director of Reed Stenhouse UK and a fellow of the Chartered Insurance Institute. Born in West Kilbride, he lives in Bothwell, Lanarkshire. He is also the current deputy chairman of The British Insurance Brokers' Association in Scotland.

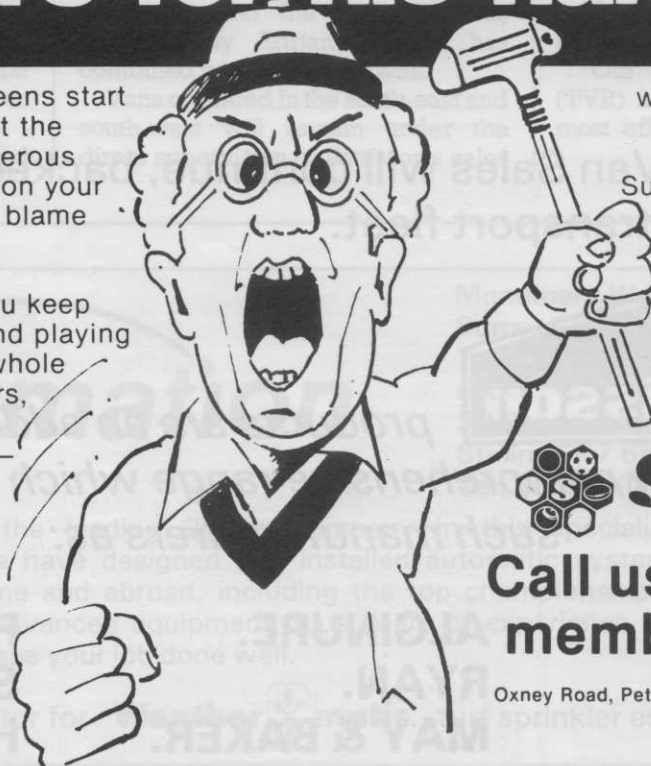
He was chairman of the R&A amateur status committee from 1978 to 81 and chairman of the selection committee between 1969 and 75. During this time, Great Britain and Ireland won the Walker Cup from the USA for the first time since 1938. In 1979, he was awarded *The Scotsman's* Frank Moran Award for his contribution to golf.

At Cotton Pennink Steel and Partners, Sandy joins his golfing son Cameron Sinclair, who has been a golf architect with the company for several years.

Cotton Pennink Steel is based at 5 Buckingham Place, London SW1E 6HR (☎ 01 630 5252) and Millbuck House, Corporation Street, Rugby CV21 2DW (☎ 0788 77191).

Supaturf's advice could do wonders for his handicap

When the condition of the greens start to affect golf scores you'll get the message fast. The more vociferous members may come banging on your door glad to find someone to blame for their poor performance. Supaturf are experts in turf management and can help you keep your grounds looking good and playing well. We produce and sell a whole range of products — fertilisers, grass seed, weed-killers and other turf maintenance aids — that are suited to fine turf and hard wearing grass alike. We supply some of the country's best known sporting venues — grounds that need to maintain the highest standards of excellence. That's because



we've proved our products are good and our service and back up is good too. Supaturf has a professional advisory service that you can call on any time, free of charge. Call us and we'll help you and your members get better results.



Supaturf

Call us before your members call you.

Oxney Road, Peterborough. PE1 5YZ. Tel: 0733 68384

What's New From ICI?

When ICI started marketing a range of pesticides and growing aids specially for the amenity market, the aim was to use as many development ideas from research colleagues as possible. Apart from chemical developments, there was the need for an effective, purpose-made sprayer.

Research departments had spent several years looking at numerous spray systems. One used the 'electrodyn' method, which ICI Professional Products Manager Keith Cleverly wanted to use for herbicide application. Unfortunately, this principle wasn't suitable for the total and selective weedkillers users needed to apply, but research into other effective distribution systems had been going on in ICI for several years and, as a result, the Nimbus controlled droplet application (cda) sprayer was developed.

The Nimbus has been especially designed by ICI to give reliable and accurate distribution of oil-based herbicides using optimum droplet size and low-volume application.

This highly efficient method of spraying applies a volume of only ten to 30 litres of undiluted product per hectare and there is no water to find or carry.

A hand-held sprayer, it is lightweight making it easy to use for long periods and balanced so that its operation is comfortable.

With one five-litre back-pack container it is possible (depending on swath width) to treat an area up to 1/2 hectare (1 1/4 acres) in less than two hours. In the same time, it is possible to treat five miles of roadside verge in a 2ft swath using a five-litre back-pack.

A key feature of the Nimbus cda sprayer is the variable swath width control. Simply by turning a knob, the spray band can be varied from narrow (20cm) through medium (40cm) to wide (80cm). A separate flow rate adjuster allows the herbicides to be applied at the correct rate for the type of weeds encountered.

"We realised early on that any hand-held sprayer must be well-balanced, lightweight and durable, so we have spent a long time ironing out the wrinkles. This is definitely the best cda sprayer now available," Keith Cleverly said.

The Nimbus sprayer and three cda herbicides will be available from early 1985.

Bullseye cda is a total herbicide



Because Verdone cda from ICI is oil-based it penetrates plant leaves quicker than water-based products and is less likely to be washed off by rain.

containing aminotriazole, atrazine and diuron, which is applied early in the season to give long-term residual weed control on roads, footpaths, industrial sites and uncropped land.

For application during the growing season, Snapper cda will be marketed to give economical control of established weeds. It contains aminotriazole, atrazine and 2,4-D to control existing weeds and give long-term residual activity.

Verdone cda contains two selective weedkillers, mecoprop and 2,4-D. This is ideal for late spring and summer use.

The user price of the Nimbus cda sprayer will be £75. Bullseye cda and Snapper cda will be available in packs of four five-litre back-packs at £190. Verdone cda will be available in packs of four five-litre back-packs at £120.

Full details from Keith Cleverly, ICI Professional Products, Woolmead House East, Woolmead Walk, Farnham, Surrey GU9 7UB. ☎ Farnham 0252 724525.

Distributors

For more details on the ICI range of professional products, contact ICI direct at Woolmead House East, Woolmead Walk, Farnham, Surrey GU9 7UB or any of these distributors.

ENGLAND

- Chipman
Horsham, Sussex RH12 2NR ☎ 0403 60341/5
Royal Chambers, Station Parade, Harrogate, Yorks HG1 1EP ☎ 0423 68658
- Joseph Bentley
Chemical Works, Barrow-on-Humber, South Humberside DN19 7AQ
☎ 0469 30501
- Supaturf Products
Oxney Road, Peterborough PE1 3BI ☎ 0733 68384
Unit 31, Stirchley Trading Estate, Hazelwell Road, Stirchley, Birmingham
☎ 021-459 9617
- E T Breakwell
814 Stratford Road, Shirley, Solihull B90 4BJ ☎ 021-744 4477/8/9
- Brown & Sons Seeds
101 Whiteladies Road, Bristol BS8 2PE ☎ 0272 736831/2
- Maxwell Hart
612 Reading Road, Winnersh, Wokingham, Berks RG11 5HF ☎ 0734 785655
- Applied Horticulture
Marringdean Road, Billingshurst, West Sussex ☎ 040 381 3535
- Fyffes Monroe HS
Forstal Wharf, Aylesford North, Nr Maidstone, Kent ME20 7AJ ☎ 0622 77373/4/5
- Quarry Lane, Chichester, West Sussex ☎ 02437 84263/4
- Long Rock, Penzance, Cornwall TR20 8JH ☎ 0736 710304
- Sports Turf Services (Northern)
Units 2 & 3, Bowling Back Lane, Bradford ☎ 0274 729575

SCOTLAND

- Richard Aitken
123 Harmony Row, Govern, Glasgow G51 3NB ☎ 041-440 0033
- Stewart & Co (Seedsmen)
Stronghold Works, Mayfield Industrial Estate, Dalkeith, Midlothian EH22 SB2
☎ 031-663 6617

NORTHERN IRELAND

- Richardsons Fertilizers
Herdman Channel Road, Belfast BT3 9AP ☎ 0232 741122

REPUBLIC OF IRELAND

- Dardis and Dunns Seeds
Ashbourne, County Meath ☎ 0001 350110

People, Places, Products

Continued...

After joining Ransomes Sims and Jefferies as an office boy 51 years ago, Jack Rivers rose to be commercial manager of the grass and farm machinery marketing division. Jack is pictured (left) with his wife Win on his retirement being thanked by sales

and marketing director Guy Catchpole. "He was well liked and respected by both staff and members of the farm and grass machinery trade in this country and overseas," Mr Catchpole said.

Jack spent his war service in the administration of the Sussex Regiment's REME workshop and was responsible for maintaining Bofor anti-aircraft guns and vehicles. He landed in Normandy shortly after D-Day and was among the first support troops to cross the Rhine.

Philip Threadgold, 35, has been appointed to the new position of sales director by Charterhouse Turf Machinery. He was a sales manager when the company first commenced trading 18 months ago. Since then, Philip has proved himself by establishing the Verti-Drain machine as a major piece of equipment in the turf maintenance market place.

Mike Smith, previously marketing services manager to May & Baker's environmental products department, has been appointed UK sales and marketing manager.



Mike Smith.

FOR RELIABLE MACHINERY MAINTENANCE

We offer you a personal service with high quality reliable workmanship tailored to your needs for ALL professional turfcare machinery.

Allett	★	Massey-Ferguson
Sisis	F & M	Ford
Ransomes		Toro
Nickerson		Jacobsen
Ferrari		Lloyds
		★

Extensive parts stock and workshop facilities.

★
All work carried out to quotation.

Contact:

Richard Knifton or Robin Noble
FABRICATIONS AND MOWERS LTD.
THE WHITE HOUSE
DANCERS HILL ROAD
BENTLEY HEATH
BARNET, HERTS. EN5 4RY
01-440 6165
01-440 5462

Our reputation is growing.

"FENDRESS" TOP DRESSING

High Quality Golf Green Top Dressing (FENDRESS) available in bulk loads of 15—18—20 tonnes, delivered anywhere U.K. mainland.

A specifically designed mix of Fenland Peat/Soils and Lime free sand carefully blended, shredded and sieved. Ready for immediate application to golf/bowling greens.

Save purchasing expensive equipment which stands idle for much of the year, also high labour costs, and problems of finding suitable ingredients of constant quality.

Pre-packed supplies now available.

SPECIAL MIXES TO YOUR SPECIFICATION ALSO PREPARED.

ALSO sedge peat "FENPEAT" in bulk.

Lime-free sands, screened loam, top soils etc.

Please telephone for quotations.

Contact:

Fen Turf Dressings Ltd.,
36, High Street,
Market Harborough,
Leics. LE16 7NL.
Tel: Market Harborough
(0858) 64346



New Rider Rotary Introduced

Designated the T1648, the new Ransomes Rider Rotary has been developed for maintaining frequently cut grass areas and, because of its manoeuvrability, it is also suitable for working in confined areas.

There are two unusual features on the mower—a diff lock and speed limiter. The first improves traction and automatically disengages when

turning. The speed limiter is a safety device and prevents the machine from making a tight turn too quickly.

Powered by a 16hp Kohler engine, the mower is steered by a single rear wheel, has instant forward and reverse drive, as well as infinitely variable speed control.

The floating cutting head, which can be adjusted for height of cut, has three high lift one-piece blades with spindles positioned to avoid the need for synchronisation.



The T1648 from Ransomes.

• Visitors to Ransomes' stand at the IOG exhibition were prompted to discuss the company's after-sales service. On each day, there was a TV to be won in a competition where the number of Ransomes genuine parts in a bin had to be guessed. The number

of parts in the bin was altered each day and the three televisions were won by a Stafford parks gardener, an agricultural engineer from Bishops Castle, Shropshire and a housewife from Dunbar in East Lothian.

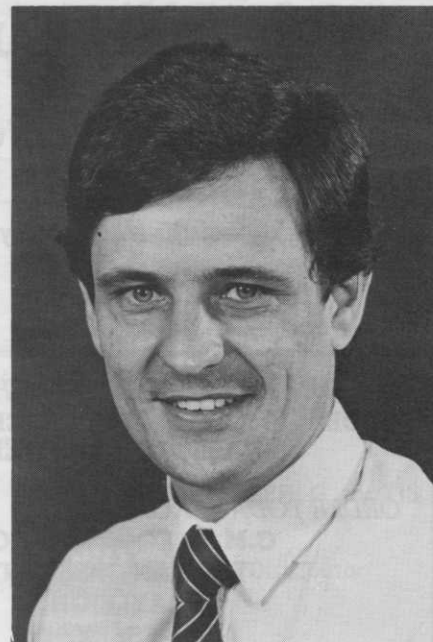
**Greenkeeper thanks the trade
for its continued support.
A very merry Christmas
and a happy and prosperous
New Year to all readers.**

Burts & Harvey Comes Back

"A traditional name with an exciting new future," is how John Arthur, recently appointed business manager of Burts & Harvey, described the company following its acquisition from Diamond Shamrock by May & Baker Agrochemicals. After deciding to re-instate the familiar Burts & Harvey name, which disappeared after the company was taken over by Diamond Shamrock in 1979, John sees continued expansion for Burts & Harvey in its new role as an independent trading company within the May & Baker group, yet having the opportunity to draw upon the financial and research resources of Britain's fifth largest agrochemical concern.

"Operationally, Burts & Harvey has also been reinforced with the appointment of a contracts manager, Bernard Veale, along with support from a technical manager, Graham Paul, a commercial co-ordinator, Jill Howard, and a special projects manager in 'Benny' Goodman. Other appointments will be made shortly," he added.

The target markets for Burts & Harvey—namely, industrial sites, highways, local authorities and amenity areas—remain. A comprehensive product range incorporates a package of total weedkillers for all industrial situations, a selection of grass-growth regulators, fungicides and selective herbicides for highway and local government users, and the kerb spraying unit, which has been specifically designed around B & H total weedkillers.



John Arthur—business manager of Burts & Harvey.

People, Places, Products Continued...

SAI has appointed a new senior rep to spearhead the company's planned growth in the Scottish professional horticultural market. David Morrison, who comes to SAI from a horticultural sales background in Scotland, will be concentrating his efforts on the sports turf and amenity markets. SAI, combined with its parent company ICI, is already a leading force in the Scottish garden products market.



David Morrison.

Reconstruction work on the 13th and 14th greens at the Selsdon Park Hotel golf course in Surrey by Chipman is part of a continuing programme of maintenance by the company. Orders have already been placed for the reconstruction of the 10th green and the putting green adjacent to the pro's shop next September.

The programme commenced in 1981 with drainage for the 2nd and 11th greens. The next year saw the reconstruction of the 16th green and drainage of the approach. In 1983, the 18th green was reconstructed and the 16th green drainage completed. Other work has included the stripping of existing turf, removal of thatch, reforming lands, drainage, sand amelioration and re-establishment of putting surfaces.

Enquiries to John Collins, Chipman, Horsham, West Sussex RH12 2NR. ☎ 0403 60341/5.

Alan Fairhurst, 61, amenity and industrial rep for Synchemicals of south-east London, died recently.

Alan was with the company for over 25 years, initially with Thomas Foster

& Sons — Synchemicals' spread garden supplies wholesale subsidiary in St Helens. He joined Synchemicals as a retail rep 12 years ago.

For the past 18 months, Alan was in semi-retirement, but worked on amenity and industrial business in the north. With his wide knowledge and experience in horticulture, he soon became a familiar figure on golf courses and sportsgrounds, giving technical advice.

Together with Eric Soothill, Alan wrote *The New Field Guide To Fungi*, published by Michael Joseph and *The Blandford Guide To Trees Of The British Countryside*, published by The Blandford Press.

New and current publications from The Sports Turf Research Institute include *Technical Terms In Turf Culture* by Dr Peter Hayes (£2.50), John Shildrick's *Turfgrass Manual* (£2.50), *Turfgrass Seed 1985* (30p) and the latest *Sports Turf Bulletin*, which includes articles on rabbits becoming immune to myxomatosis, winter fairway maintenance and heather on the golf course. ☎ 0274 565131.

GET ON COURSE WITH



equipment

BUNKER RAKE BARGAINS

22" WIDE PLASTIC RAKE £5.25
(One year guarantee against fair wear and tear)

19" WIDE ALUMINIUM RAKE £6.50
(Very light, weighs fractionally over 11lb.)

15" WIDE METAL RAKE £3.30
(Low cost — 14 tine)

ALL RAKES SUPPLIED WITH HANDLES
ORDER 10 OF A TYPE—RECEIVE 1 RAKE
ABSOLUTELY FREE

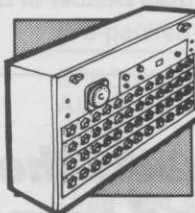
ORDER TODAY FROM—

C.M.W. EQUIPMENT CO.,
TOTMAN CRESCENT,
RAYLEIGH,
ESSEX.

TEL: (0268) 770311

POPPING UP AT THE RIGHT TIME!

To keep your grass fresh and green the Rainbird sprinkler pops up on command, to provide life-giving, uniform, automatic irrigation. When not in use the sprinkler keeps a low profile, installed flush with the surface its appearance is neat and unobtrusive. Cameron provide full system advice and installation, contact the address below for full details.



Automatic
control
systems

RAINBIRD®

Exclusive U.K. distributor

CAMERON IRRIGATION

A division of Wright Rain Ltd.

Harwood Industrial Estate, Littlehampton West Sussex
BN17 7BA. Tel (09064) 3985.

Tritox From Fisons

Takes A Bow...

A new selective turf herbicide from Fisons Horticulture has been formulated from three active ingredients. Tritox is recommended for use on both fine and outfield turf and offers greenkeepers the essential advantages of reliable control of a broad spectrum of weeds at a reasonable price.

Tritox contains MCPA, Mecoprop and Dicamba as sodium and potassium salts, and product manager Jim Watts explained that this particular formulation, which does not include 2,4-D, is a valuable one for the turf and amenity market: "These active ingredients are well-proven in turf use, giving no phytotoxicity problems to grass when used according to the recommendations. The weed spectrum covered by Tritox is wide and the product highly effective—Dicamba, in particular, is a powerful herbicide in this situation. Tritox has been approved under the Agricultural Chemicals Approval Scheme—a rigorous and independent assessment of product efficiency."

Tritox is available in five litre and 20 litre polythene containers, each carrying full instructions, firmly attached so they're easily accessible wherever or whenever the product is used. Tritox is available nationwide, via Fisons' network of appointed stockists, and the cost is about £15 for a five litre container, £57 per 20 litres.

Further information from Fisons Horticulture Division, Paper Mill Lane, Bramford, Ipswich, Suffolk.

☎ 0473 830492.

There'll Always Be Plenty Of Rain While Roberts Reigns!



The Javelin Micro 44 hose-reel offers a low cost, instant form of irrigation.

Working in conjunction with agricultural specialists Javelin Irrigation, Peter Roberts, UK manager of Toro Irrigation, is marketing Javelin's new Micro 44 hose-reel irrigator in the sports turf markets.

Driven by hydraulically activated, variable speed control bellows, the Micro 44 winds in 120m of 44mm diameter flexible hose, which feeds water to an adjustable, part-circle rain gun, mounted on a two-wheel trolley. The Micro 44 is designed to deliver water from 20 gallons per minute at 60psi up to 50 gallons per minute at 100psi, covering areas up to 55mm in diameter. An automatic cut-off device switches the water off when each run is completed.

The Micro 44 is capable of watering

an entire soccer pitch, applying approximately 0.5in of 'rain' in a day, during which only one move is required to reposition the machine. A selection of four different nozzles is supplied as standard.

Toro Irrigation has appointed three new area distributors. Par 4 Irrigation Systems Service of Ripon has been given the north east and Yorkshire territory, while Greenline Distributors of Banbridge, Co Down is responsible for Northern Ireland. Turf Irrigation Services, a newly formed company headed by Robin Hume which has taken over the sports turf irrigation division of E.A. Yates (Sandbach), is now the distributor for the north west, Midlands and Wales.

turf Irrigation Services Ltd

If you are thinking of having an Irrigation System installed, considering updating an old or partial system or simply require spare parts or service Turf Irrigation Services Limited are the company to speak to:

Phone: ROBIN HUME on 04775 255.

Betchton, Sandbach,
Cheshire. CW11 0TS.
Telephone: 04775 - 255

Telex: 367257 - TELSER. G. for TIS.

TORO
IRRIGATION
PRODUCTS

Regional Distributor

People, Places, Products

Continued...

A chain saw is only as safe as its user and the Royal Society for the Prevention of Accidents has devised a series of four training courses at Newbury, Berkshire to aid users. The series starts with a basic course—on December 20 and 21—covering the maintenance and use of chain saws on fallen and felled timber.

The intermediate course on January 8 concentrates on tree felling. An advanced course on January 9 deals with felling hung-up trees and the use of winches. A second advanced course on January 10 covers working at heights.

The emphasis will be on practical tuition, therefore classes are limited to six persons per day. Course fees are £25 per day (plus VAT).

For bookings and further information about other courses in agriculture and amenity horticulture, write to Chris Tomlinson, ROSPA Agricultural Adviser, Cannon House, Priory Queensway, Birmingham B4 6BS. ☎ 021-233 2461 (ext 267).

Horsegear of Holcot Road, Brixworth, Northampton constructed the IOG's new show administration pavilion at Windsor. Work began on its designs well over a year ago and plans, drawn up by Brixworth architects Myles & Sims, were displayed at 1983's show.

The building covers 2,104 sq ft and comprises a large exhibition display and information area, Press office, administrative accommodation, boardroom/restroom, washroom,

kitchen and store. Based on the firm's Blok-Hutten log cabin style, the shell was built from 50mm thick Scandinavian Pine. Mounted on brick piers, the building was erected in six days.

Full details from Horsegear's managing director Frank Gear at Gable House, Holcot Road, Brixworth, Northampton NN6 9BN.

☎ Northampton (0604) 880640.



Horsegear's managing director Frank Gear hands over the keys to Dai Rees, chairman of the exhibition committee. With them is IOG exhibition committee vice-chairman Derek Walder.

RED DRESSING

CRUSHED CLAY ROOFING TILES

APPROX. 3/8" — DUST
(BULK LOADS ONLY)

SUITABLE FOR PATHWAYS ETC.

SMALL SAMPLE SENT ON REQUEST

H. F. WARNER LTD.,

STAR WORKS,

STAR LANE,

KNOWL HILL,

READING. RG10 9YB.

Telephone: 062882 3333

Telex No.: 848861

HALLOWES GOLF CLUB

require a

HEAD GREENKEEPER

A Head Greenkeeper is required immediately for this attractive moorland course situated on the Sheffield / Derbyshire border. The successful applicant will be fully capable in all aspects of golf course maintenance, and will have had several years experience of similar work. Salary by negotiation. No accommodation available.

Write with full details in the first instance to:

The Secretary,
Hallowes Golf Club Ltd.,
Hallowes Lane,
Dronfield,
Sheffield S18 6UA

Morrison Secures UK Base

It is only 18 months since Chris Smith, as managing director of CNS Mowers, decided to market Morrison Mowers in his native Norfolk. Twelve months later, he was appointed sole UK concessionaire for Morrison Mowers. A subsidiary company was formed and commenced trading on January 1. Stock intake was agreed and sales forecasts set for the remaining 1984 season.

By the middle of January, all stock had been placed or sold. New stocks were ordered and new machines introduced to the range.

Chris went to see Morrison in New Zealand and supervised changes to the UK range and organised the shipment of more new stock and spares. On his return, he reviewed the distribution network and implemented a concentrated advertising campaign directed to the trade. "The interest and sales exceeded my expectations," Chris said. "We have appointed new distributors and increased the number of retail outlets to achieve national distribution."

After the parent company in New Zealand had undergone ownership changes, Chris became general manager of Morrison Mowers (UK)—a company he owned jointly with Morrison Industries. The company, based in Thornham, Norfolk, is the European headquarters for Morrison, handling all affairs in the UK and initially co-ordinating sales in other European countries.

"As well as the Olympic 600, 500, and 400 cylinder mowers, we now have the Triplex III at the top end of the range, which is a 71in cylinder mower with an electric cutter head

lift, 11hp Honda engine with variable cuts per yard," Chris said.

"The new robust Rapier 710 11hp 28in cut has been welcomed by local authorities who appreciate its manoeuvrability and work capacity. The new Golfmaster 600 has a full width 24in cutting capacity to reduce

time and labour with motorised transport wheels and back lapping facilities. Lower down the range, there is the 3'N'1 discharge, catcher and mulcher rotary machine."

For further details, contact Chris Smith on 048526 464.

Lots Of Innovation From Lely

Introduced at the IOG show, the new TX 2160 HST tractor offers hydrostatic transmission and has the versatility expected of tractors from Lely.

One pedal operation controls the forward and reverse giving variable speeds from zero to 15kmh. A hand control is fitted as standard to allow full wheel braking facility without loss of power, providing exceptional manoeuvrability at the same time.

A tough, reliable high-torque diesel engine with the 3-cylinder in-line configuration reduces vibration and noise. Fuel consumption is good due to the swivel combustion chamber system. The 2160 is available in either two or four-wheel drive.

Full details from Lely Iseki Tractors, Crosshall Works, Gt North Road, Eaton Ford, Cambridgeshire PE19 1QH. ☎ 0480 76971.



farmura

The Liquid Organic Fertiliser

For information, literature
and supplies contact your
local merchant or

Farmura Ltd, Stone Hill,
Egerton, Ashford, Kent
Tel: Egerton (023376) 241



*If you want an inexpensive natural
fertiliser that will:*

- * Encourage a deep hard-wearing turf
- * Help the growth of fine grasses
- * Assist deep root development
- * Maintain the natural greens and colours of the turf
- * Mix with weedkillers for 'Feed and weed' and
- * Will not scorch
- * Is safe and non-toxic
- * Does not produce a flush of growth (and so cuts mowing costs)
- * Is low cost
- * As used by many courses including championship

People, Places, Products Continued...

Golf Landscapes, a specialist contractor in golf courses, playing fields, landscape construction and turfgrass drainage, has appointed Graeme Francis as technical manager. An HND graduate from Writtle College's amenity horticulture programme, he joined the company two years ago as construction supervisor and has worked on contracts throughout the UK, but primarily on intensive environmental refurbishments in London. Based at Golf Landscapes' Brentwood, Essex office, Graeme's new responsibilities will include pricing and estimating and he will have overall control of the contract buying scheme.

The company's irrigation division, an area distributor of TORO, now has Robin Vasey as sales manager. He is an ex Icopal and Wright Rain rep. Robin is responsible for the development of the company's market plan and the design of irrigation schemes using TORO.

This year's international exhibition at Royal Windsor produced stand numbers of over 300, which is a record and makes it the biggest show of its kind in the world. There was also a record attendance of over 31,000, many of whom were overseas visitors, and buyers from Australia, Germany, Belgium, Sweden, Finland, Switzerland, Holland, Portugal, Eire, Japan and the USA.

Johnsons Seeds has recently issued a new brochure covering the standard J range of turfgrass mixtures and master blends for the 1985 season.

The catalogue has been designed to simplify mixture selection and uses clear headings to cover recommended purposes, sowing rates, mowing heights, which are complemented by a second table setting out alphabetically a list of 50 different turfgrass areas, from airfields to verges, showing the recommended J mixture or master blend.

Mixture formulations are tabulated for easy reference and detail how tolerance to mowing and trampling changes progressively across the range. An innovation is the use of

colour-coded histograms which display the percentage by weight of each cultivar used in the mixture. These show the range of species used and relative proportions in each mixture.

The J range is formulated with leading cultivars prominently featured in the merit lists issued by the Sports Turf Research Institute at Bingley—a copy of which can be obtained for 30p, either direct from the STRI or Johnsons.

Write for free copies of the *Turfgrass Seeds Brochure* to Johnsons Seeds, London Road, Boston, Lincs PE21 8AD, together with literature covering the JR reclamation range of grass seeds and the JF range of wild flower and grass seeds.

The turf and landscape exhibition—*Turfworld '85*—at the National Exhibition Centre, Birmingham from March 5-7 has been extended to include an outdoor lakeside setting. There is also a revised price scale for exhibition space providing 'dramatic cost reductions.' *Turfworld '85* is sponsored by *Turf Management*, which will hold a turfgrass congress at the same time.

VERTI-DRAIN FOR HIRE FROM

Brian D. Pierson
(Contractors) Limited

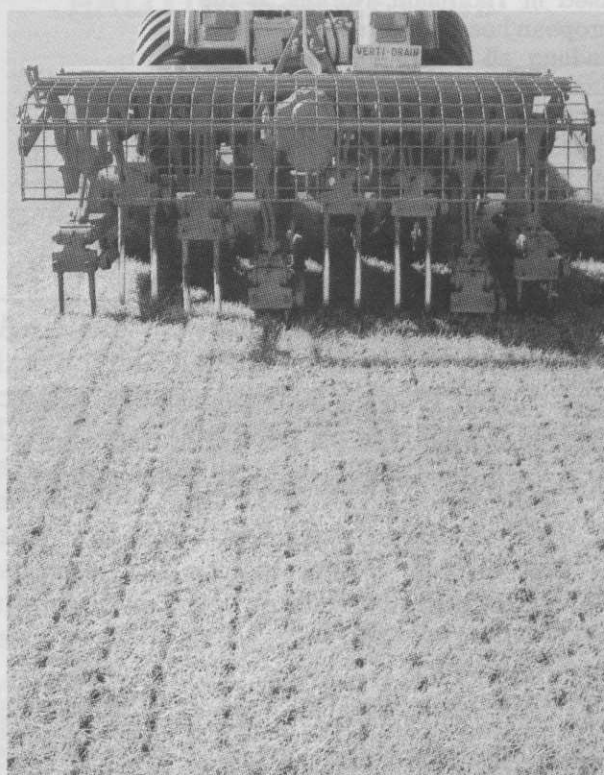
27 Vicarage Road
Verwood, Wimborne
Dorset BH21 6DR

Tel: VERWOOD
822372 & 824906
(STD 0202)

AERATE YOUR GREENS OR PITCH

THE DEEPEST PENETRATION

THE SPECIALISTS IN GOLF COURSE CONSTRUCTION & RENOVATION

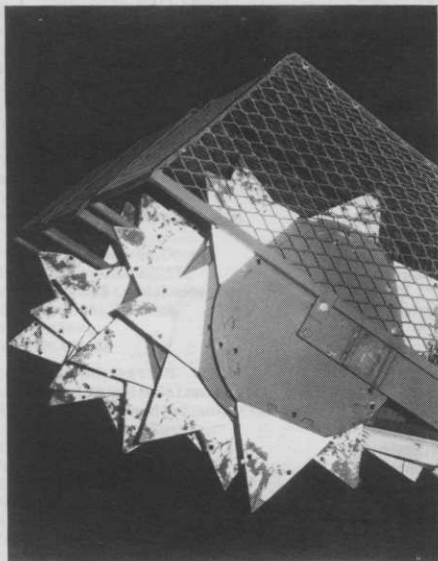


Pattisson's Place In The Market—Continued

fairways. Special comb fingers between each blade prevent turf tearing. The transmission by pto shaft means a consistent result from 32 double-ended blades. Likewise, the self-propelled Turf Piercer is an excellent and economical golf green aerator with 72 four-inch tines.

"The Parkover trailer gang mower has also been updated recently after over 20 years in production and has a number of new features. At under £5,000, you have a fairway or parks mower that will last a generation.

"In closing, Pattisson may not be among the most fashionable companies, but when you've been in existence for almost 100 years, you have seen all the 'fashions' come and go. What is the name golfers know? Well, assuming they have holed-out and looked into the cup, Pattisson. On course in more ways than one!"



Pattisson's Turf Slitter with alternative tines for control of deep compaction.

Secretaries See Off Opposition

The golf club secretaries retained the Kubota Trophy at St Pierre, Chepstow recently. Under the captaincy of Gordon Payne, ten greenkeepers, drawn from SIGGA, EIGGA and the BGGGA, and a side of golf club stewards failed to match the mighty secretaries (pictured below).

Everything rested on the last



contest between the secretaries and greenkeepers and, despite a collapse by their middle order, the secretaries gained the half point needed for victory. Earlier, they had beaten the stewards by 5½ to 4½ who, in turn, had defeated the greenkeepers 6-4.

Only S.Farrington (Littlestone) and Lindsay Anderson (Powfoot) won both their matches, Lindsay drubbing the secretaries' secretary John Crowther 6 and 5.

Alternative To Soggy Surfaces

Built on the Hovercraft principle, the Hover-Dry supports itself on a cushion of air—the surface is left untouched except for the removal of water and small debris.

Powered by an 8hp Briggs and Stratton engine, the Hover-Dry's fan drives the air down to form a cushion of air and disperses it as a fine mist outwards to the four foot diameter skirt. There, the mist is caught in the suction from the fan and forced up to deflectors, which cause the water droplets to fall into a 15 gallon reservoir, while the air continues to circulate through the fan.

The water is either emptied

manually through a drain in the base of the skirt or the Hover-Dry may be fitted with a pump and a length of hosepipe, so the water can be emptied off the playing area as drying progresses.

The body of the Hover-Dry is constructed of tough glass fibre, so there is nothing to rust. There are few working parts and the machine is light, easy-to-handle and comes complete with a pneumatic tyred trolley.

Full details from Hover-Dry, Glandford Mill, Glandford, Holt, Norfolk NR25 7JR. ☎ Cley 740446.

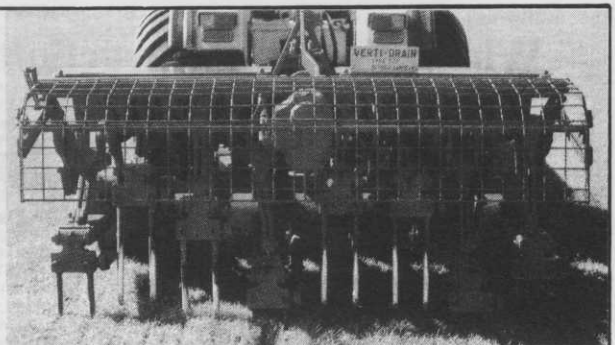
**VERTI-DRAIN, SUB-AIRS,
SEEDER/CONTRAVATOR,
GREENS-AIR II**

For Hire



S|C|C Lands Maintenance Ltd

Telephone: Haverhill (0440) 62369



People, Places, Products

Continued...

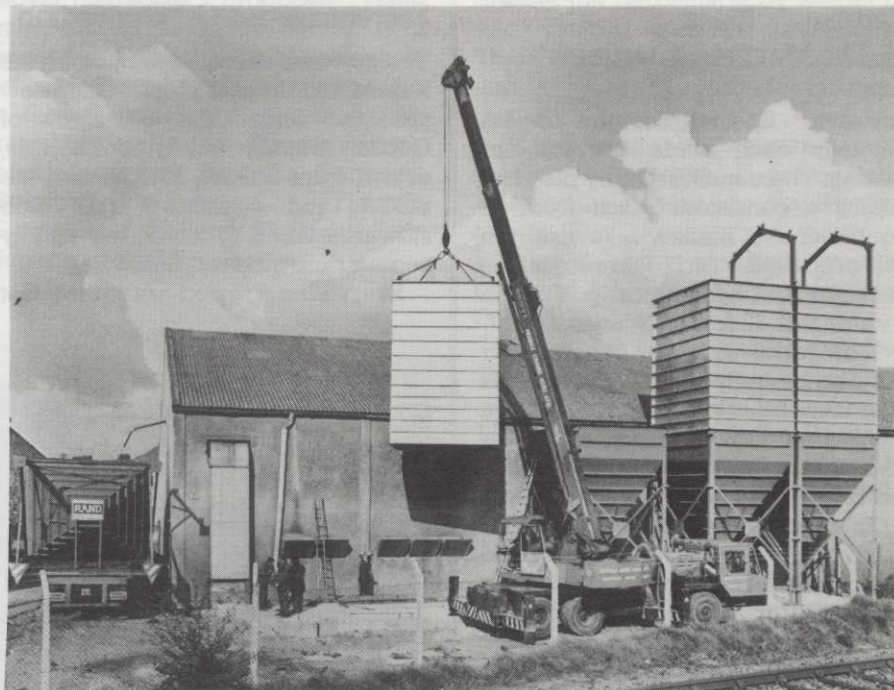
British Seed Houses has been awarded a FEOGA grant valued at about £61,000 by the EEC Commission. The grant is a contribution towards the company's expenditure in improving its production and distribution facilities at Avonmouth. In addition, British Seed Houses will also receive a grant from the UK government.

New seed-cleaning equipment has been installed and will enable the company to improve productivity and yet maintain the high traditional standards of purity and quality of finished product. Additional land alongside the present premises has been purchased and this will be used to improve loading facilities for seed being collected and distributed from the warehouse.

For the second year running, British Seed Houses was awarded a gold medal at the IOG exhibition, Windsor for stand design and layout.

Great interest was shown in the BSH renovation mixture A8, which contains the proven Loretta and Derby turf type perennial ryegrasses for overseeding worn areas of outfield turf. Chelsea and Millwall football clubs have overseeded their pitches this season with the A8 mixture.

During the course of the show, BSH also learned that the Sports Turf Research Institute, in its latest *Turfgrass Seed Guide*, had rated all its main grass cultivars very highly.



New storage bins for British Seed Houses.

Salary Scales For Groundsmen

The 1985 salary scales published by the IOG recommend a flat-rate increase of five per cent to current rates. The new scale, exclusive of London Weighting, is:

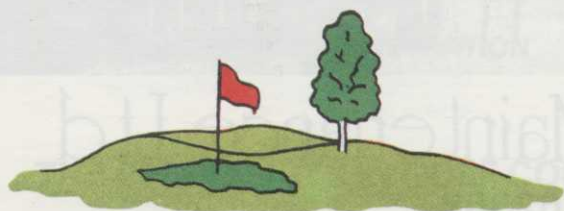
Head groundsman	£7,216
Deputy head groundsman	£6,311
Assistant groundsman	£5,411
Assistant groundsman (unskilled)	£4,505
Junior groundsman (aged 17)	£4,062
Junior groundsman (aged 16)	£3,606

Additional increments for institute qualifications

Diploma in Turfculture (NDT)	£836
Intermediate Diploma	£527
Technical Certificate	£351
Practical Certificate	£135

Whether it be construction, drainage or **TORO** irrigation

GOLF LANDSCAPES LTD.



ASHWELLS ROAD
BENTLEY, BRENTWOOD
ESSEX CM15 9SR.

Coxtie Green (0277) 73720

The proven experience in the field