

## NEW PRODUCTS

**T**he Charterhouse Turf Machinery stand at Windsor, grows year by year as David Jenkins adds more products to the range of equipment.

The Verti-drain, now recognised as the finest piece of deep aeration machinery that any golf course can use to break compaction and improve both root growth and drainage is still the company's principle product.

This year CTM introduced their pedestrian model, bringing to the golf market an affordable piece of equipment, ready to be used at any suitable time for 365 days in the year.

This must be a major break through for CTM, whose tractor mounted greens and fairway Verti-drain was either hired or only purchased by the major and mainly commercial clubs in Britain.

The Pedestrian Verti-Drain has a width of only 750mm (30") and a working width of 600mm (24"). It will sink twelve 12mm (1/2") solid tines into the turf up to 150mm (6") deep or 12mm (1/2") hollow tines to a depth of 137mm (5 1/2") at 50mm (2") spacings. The heaving action of the tines can penetrate any pan or break up compacted soil and subsoil increasing drainage, and root development, so top dressing will penetrate deep, creating an environment ideal for stronger and invigorated grass growth.

A 7hp motor gives plenty of power to cover a good sized green within the hour. A brush to sweep the cores clear to one side for later collection is available as an optional extra.

Backed with a network of Dealers, the Charterhouse Pedestrian Verti-Drain is obtainable throughout the British Isles and coupled with an efficient Spare Parts Service will keep the machine on the turf working for the improvement of fine grass areas.

The price - £8,500. Catalogues and further details from CTM, Pinks Yard, Church Road, Milford, Surrey. Tel: 04868 24411.



**S**ISIS introduced two new seeders, the first called the Contra-Seeder is pto driven and combines the ISIS principle of contra-rotating knives with the Auto-Seeder principle of accurate placement. Final testing of the Contra-Seeder was carried out at leading Manchester soccer grounds with the complete end-of-season re-seeding of their pitches. The operating width is 50ins. and the

hopper capacity 12 cu.ft. Controlled seed application with minimal disruption of the surface ensures re-use of the seeded area in the fastest possible time. Price £2750 plus VAT.

The multi-purpose Quadraplay is proving to be one of the most popular maintenance outfits in the SISIS range and the development of the Quadraplay Seeder has extended its use to include grass seed application.

It is of value where an existing grass sward needs to be upgraded with a meagre application of high quality seed, without disturbance or interference to play.

The Seeder is mounted onto the Quadraplay frame in any combination with the existing range of rakes, brush, lute, slitter or roller. Seed application rates can be altered by simple change gears. The seed metering mechanism, driven by ground wheel provides a constant seeding rate irrespective of travel speed. The operating width is 70ins. and hopper capacity 5 cu.ft. Price £660 plus VAT.



Contra-Seeder

## the Golf Course

Future issue of the Golf Course will feature:

- \* "Golf Course Europe '89" the recent highly successful conference/exhibition held in Wiesbaden
- \* Advice from an English Course Manager on taking a job in Germany
- \* A special report from one of Europe's new courses
  - \* Machinery that moves earth

For more information and details about how to advertise in these issue contact Michael Coffey on 0255 507526 Fax. No: 0255 508483 or write to 129a High Street, Dovercourt, Harwich, Essex. CO12 3AX

## NEW PRODUCTS

**R**olawn, Britain's largest fine turf suppliers, launched a new specialist sports turf at the Institute of Groundsmanship show in Windsor and announced that they have virtually doubled their number of direct selling outlets with the opening of ten new depots.

They also announced orders from St Andrews and Muirfield golf clubs for their poa-free greens turf. Advantage, launched earlier this year. "This turf is unique, because of the seed mixture made exclusive to ourselves which means we can guarantee it free of all annual meadow grass as well as other weed grasses" said marketing director Rachel Semlyen. "We feel there is no higher accolade for the turf than the orders placed and taken by these prestigious clubs", she added.

As well as continuing to increase its distribution network of depots, the company is also taking steps to concentrate and streamline production. "We are committed to maintaining our reputation and to further improving product quality in an increasingly sophisticated market", said Ken Dawson founder and managing director of the company. "To this end we are taking steps to ensure uniformity of turf, soil and sward, so that the name Rolawn will always mean a standard of quality as well as the name of our turf".

**C**yto-Turf is a new biological treatment introduced by Supaturf Products Limited for the promotion of healthy growth and appearance of turf on greens and tees.

Non toxic and easy to apply, "Cyto-Turf" improves the appearance, vigour and health of turf and other landscape vegetation whilst helping plants and grass withstand stress, particularly in areas where traffic is heavy, such as on greens and tee surrounds. "Cyto-Turf" will also improve water retention, creating a better growing environment.

Results have shown that where "Cyto-Turf" has been applied, turf is thicker, healthier and improved in colour. The product has the ability to aid the decomposition of thatch, turning thatch into compost and therefore releasing nutrients into the soil.

**J**ohn Deere sharpened its cutting edge in the lawn and grounds-care equipment markets with the introduction of the new F525 compact front mower.

The F525 mower achieves excellent trimmability, boasts an exceptional 8 inch turning circle and enjoys the high

quality finish and safety features which are hallmarks of the John Deere range. The launch of the new 33hp 955 compact has brought more power to the top of the utility tractor range. The range of lawn and garden tractors exhibited included the new STX 38, the hydrostatic 185, the 170 launched this year, the 285 and diesel 322 together with the RX75.

Also at Windsor for the first time was the 1200 bunker rake with exclusive drive system and the E35 lawn edger for a perfect finish. The magnificent 3325 professional turf mower, the F935 front mower, 1950 turbocharged tractor and AMT 662 transporter were also on view. Pedestrian mowers were represented by the silver painted 14 SB and the 22 inch greensmower.



The new 1200 Bunker & Field Rake



The new F525 Front Mower

**T**he all new petrol trimmer designed especially for professional use has been launched by Allen Power Equipment.

Known as the Reciprocator, the new machine features two 20 tooth reciprocating blades that dramatically reduces the danger of debris becoming flying projectiles and prevents kick-back if a metal blade strikes a fixed object.

Powered by a 22.5cc Zenoah engine with electronic ignition, the Reciprocator has a gear reduction drive to a twin gearbox driving the two blades through an arc of 2-3". The blades do not rotate 360 degrees, providing the durability and performance of a steel blade

but the safety and versatility of a nylon head. This revolutionary new addition to the Allen range won the best new product award at the recent EXPO Show at Louisville.

The trimmer can also be used under water, and can trim vertically around trees, golf bunkers etc. without the danger of flying debris.

The Reciprocator is available now, priced at £373.00 plus VAT.





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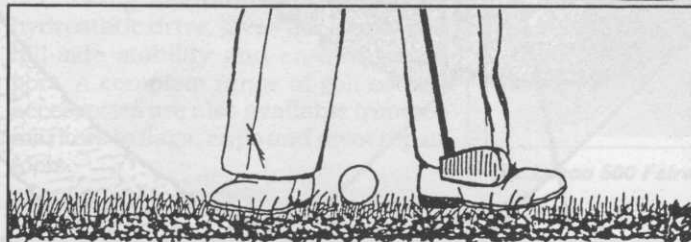
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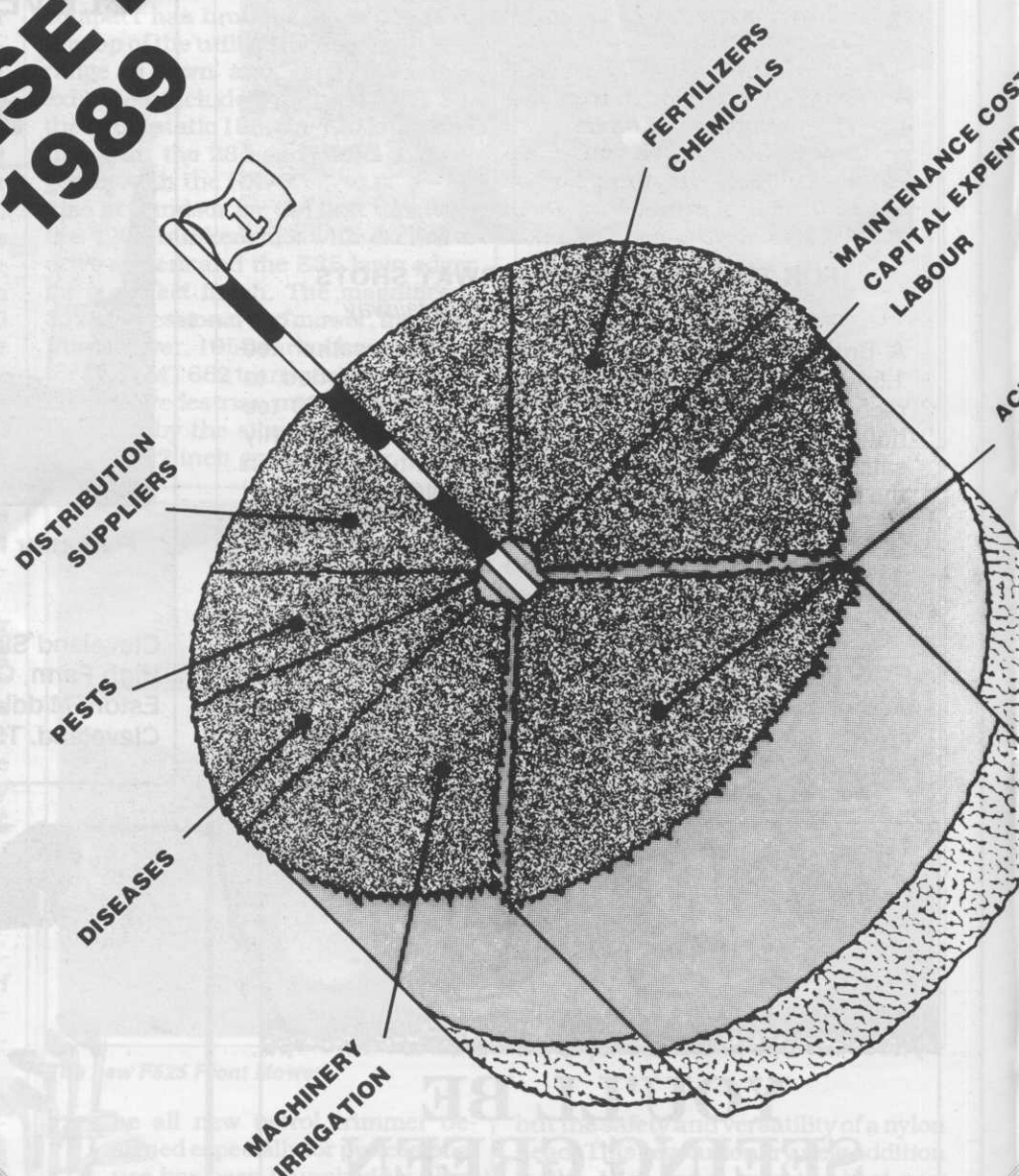
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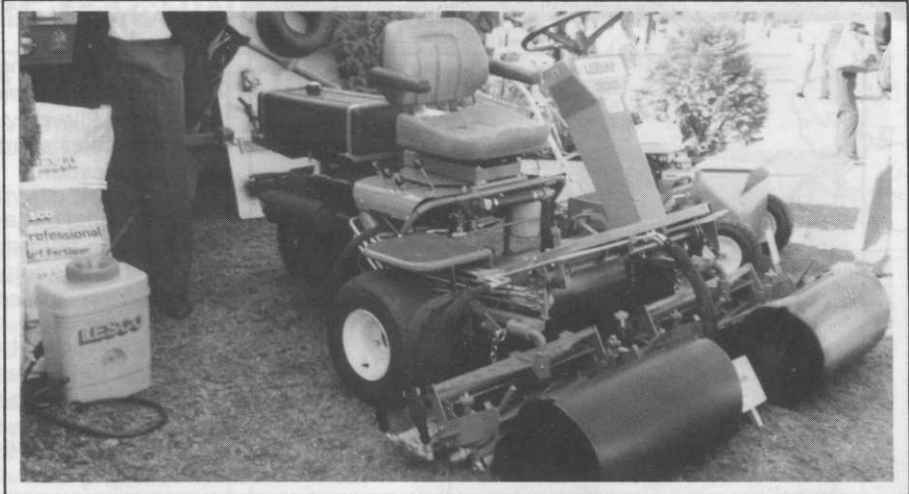
**F**or the first time in the UK the Lesco range of products are available through their UK distributor, CDC Horticultural Equipment Ltd, based in Suffolk.

CDC Horticulture aims to offer a complete range of equipment from the Lesco 500 fairway mowers and greensmower 300, to golf course accessories - in fact, everything for golf courses at the most competitive prices available, for comparative products.

The 300 Greensmower leads the way in new standards of performance. The power comes from a Kohler Magnum 18HP petrol engine or a Kubota diesel engine. The rear wheel power steering provides outstanding manoeuvrability. A turf groomer and Verticut units are also available for this machine. The complete machine is designed to make routine maintenance simple.

The Lesco 500 is a lightweight 5-unit self-propelled fairway mower. A simple flick of a switch enables the machine to be converted into a 3-unit cutting machine for golf tees. The machine can be powered by either an Onan petrol engine or a Kubota diesel engine.

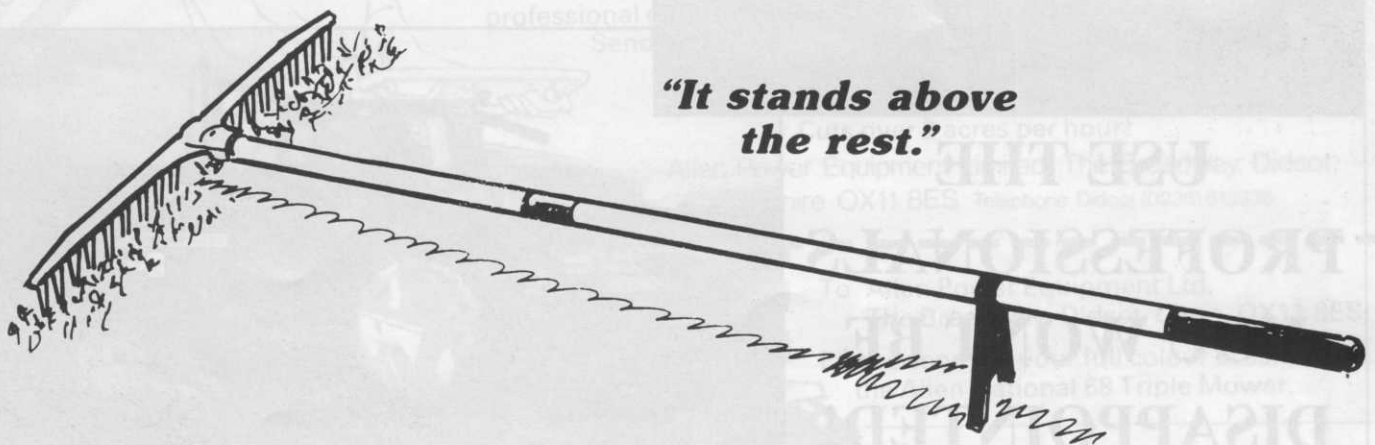
The new Renovator 20 is designed to function as a seeder, slitter or a scarifier. Being self-propelled by way of hydrostatic drive, gives the Renovator hill-side stability and ease of transport. A complete range of golf course accessories are also available from tee markers to flags, cups and divot repair tools.



*The Lesco 300 Greensmower*



*The Lesco 500 Fairway Mowers*

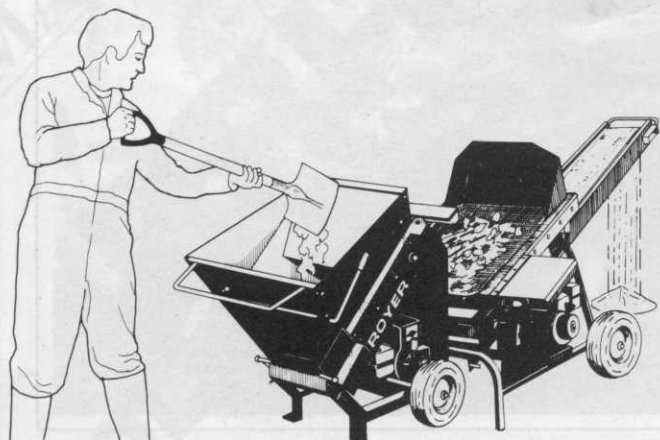


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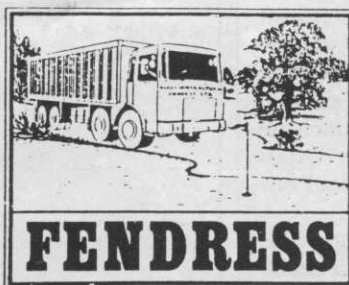
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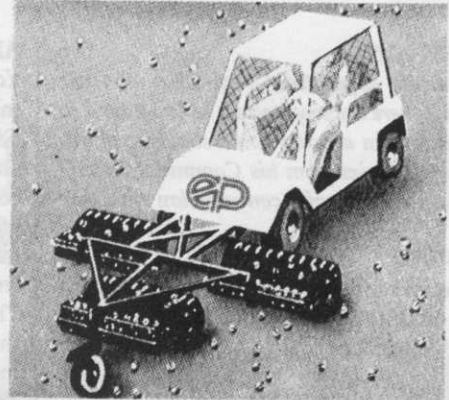
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# TOPICAL TURF TIPS

The Golf Course problem page, gives expert advice to management problems

## QUESTION

*My newly appointed Green Chairman has asked if there are any courses he can attend so he can obtain a better understanding of answering queries from his Committee as well holding a meaningful conversation with me.*

## ANSWER

Good for him. Too many Green Chairmen take on the job without the faintest idea of what is involved.

The Sports Turf Research Institute are running a two day course on 23rd /24th January 1990 aimed specifically at Green Chairman and Golf Club Secretaries and have said they will run another the same week if it is oversubscribed.

We also hear that the English Golf Union are to hold a pilot scheme on a greenkeeper training helpline at Kings Norton Golf Club in December to which all Green Chairmen in the West Midlands will be invited. The USGA Greens Section produce a booklet for their Green Chairmen to give them guidance in their duties, but we know of no similar publication in this country. Over to you Mr. Bonallack and Dr. Peter Hayes.

## QUESTION

*I am looking for a weed kill applicator that does not involve dressing up in all the safety gear and putting on a back-pack. When I walk round the course in the morning, I see odd spots of weed that need controlling but it is hardly worth while sending some-one out with all the equipment to eliminate a dandelion or a couple of daisies.*

## ANSWER

Your problem may soon be over. Chipmunks are about to market their Nomix Compact Lance, with a ready mixed herbicide pack loaded into the handle. It is a completely self contained unit controlled by a micro chip so the operator can set the rate of spray and chose one of three widths from 24 inches down to 6 inches.

There is enough spray in the pack to cover three miles of fence line and light enough in weight to carry on your daily walk.

The Lance should have been on sale in June, but Nomix received such a large order from the USA for their more sophisticated SuperPro back pack spray, production of the hand lance was held up. At only £89 it looks good value for money.

## QUESTION

*I have been told that chlordane is to be banned from golf greens from January 1993, what are the alternatives?*

## ANSWER

Almost spot on, your information is correct, but you will not be able to buy chlordane after December 1990 and you must no longer store it from December 1992.

Chlordane has been banned from large scale areas like fairways from the beginning of the year, but can still be used on the greens for another two years.

Casting worms can be discouraged by regular scarifying and boxing off the clippings on the surrounds as well as the greens. An acidifying fertiliser programme will also discourage casting worms.

As for alternatives, carbaryl or gamma HCH can be used though they will not be as effective. The plus side is that both products may also control leather jackets. The best time for application is in the autumn and spring, but wait until you have had a few wet days.

## QUESTION

*This is 'nt a question merely a statement. It has occured to me that the amount of "down-time" on golf courses, when staff are unable to work must be greater than in any other industry in the country.*

*Golfers are out on the course every day before 8.00am and on Saturdays and Sundays at least an hour earlier. They all expect the staff to down tools whilst they play their shots and if machinery is running they glare at the driver until it is turned off. I am sure some of them believe the birds should stop singing.*

## ANSWER

You have our sympathy. Unfortunately there are some golfers who just do not appreciate that work has to continue to prepare the course for their next round. It is a question of club education.

There is no reason why they should not stand back for a green to be cut or the tractor turned round on the fairway, but there does seem to be a tendency for golfers to think they have complete right of way.

It would be interesting if anyone has any firm statistics on the number of hours lost each week under the heading "Waiting for Golfers".

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# Europe's imminent golf explosion

*John Lelean sets the scene for a major article in next months issue of the Golf Course after the recent hugely successful 'Golf Course Europe' exhibition and conference in Wiesbaden*

European golf is booming. That is the message that came from an eleven nation European Golf Course Conference held in Wiesbaden this month.

France has the largest number of new courses under construction where 134 mainly private developments are expected to be ready for play by 1992 to add to the current count of 330. Though just to keep pace with the growing interest in the game a further 150 will need to be built by 1995.

In Sweden, demand far outstrips the 198 existing courses, where the average membership at an 18-hole club is well in excess of 1,000. The Swedes estimate they will need a further 530 courses within the next five years.

The Dutch, who claim the game of golf started in their country in 1297 and not on the Scottish Links, have 40,000 members registered with clubs and another 150,000 golfers who play the public courses, on driving ranges, and at "golf accommodations" on hockey

and football pitches.

Holland have 100 registered plans to built new courses, but many of these are unlikely to be developed because the Dutch Government is insisting on a guarantee of public access, by both footpaths through the course and a ban on balloting for membership. Local opinion is also influenced by pressure from the fast growing Green Party, totally opposed to the cutting down of woodland or man made constructions on rural land.

The "German Greens", were also in evidence at the Wiesbaden Conference, picketing with banners and leaflets on the footpath outside the Rhine Main Hall.

Throughout the European Continent the ban on most pesticides and weed killing chemicals is making the work of the greenkeeper a nightmare. Dandelions and daisies abound, worm casts litter the putting surfaces and in Germany it is not unusual for golfers to find their fairways turned into

ploughed fields overnight by badgers digging for grubs.

The demand for golf in Scandinavia and Holland has forced the introduction of a golfer's licence. This so called "Green Card" is only issued to those who can pass a written examination on the etiquette and rules of golf, followed by a practical test on driving, chipping and putting.

No golfer is allowed on any course unless they can produce the green card, whether they have club membership or not.

Golfers then proceed to handicap status in a similar way to golf in Britain. The rest just wait in hope of eventual club acceptance, but for most this is unlikely for another ten years. The scheme attracted considerable interest at the conference and will probably be introduced throughout the Continent by the European Golf Association. An end perhaps to the five hour rounds in Spain, among the "hackers".

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