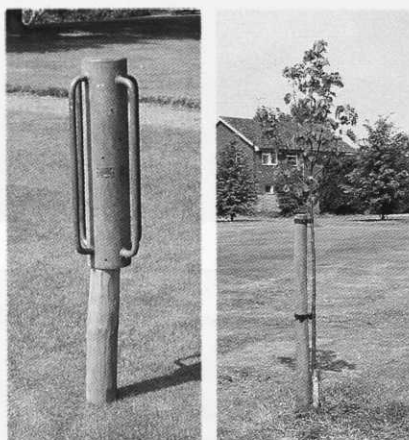


forest transplants. You shouldn't need to stake whips except perhaps on very windy coastal sites. If you need to stake whips use one inch square hardwood stakes driven into the ground on the windward side of the tree. Tie the tree to its stake with soft string.

It can be very tempting, when planting whips, to treat them as if they were forest transplants. It is fatal to try and stuff their root systems into tiny holes. Each whip needs to be treated as an individual and given a planting hole which will accommodate its entire root system properly. If you curl the roots round to make them fit into a hole that's too small, they'll grow permanently like that. You'll reap the harvest of such folly when they blow over in later life.

Tree shelters are not normally used with whips because of the difficulty of fitting the narrow tubes over the side branches of the whips. It is quite common practice, however, to put plastic, spiral, rabbit guards round the stems of whips. Unless you fit them carefully these guards won't cover all the vulnerable areas of bark. They can also damage the trees if you don't check them regularly.

Where rabbits are a problem I think it's better to plant in groups and then fence off the entire area with rabbit-proof netting.



A drivall (left) and traditional staking

STANDARDS. These trees, with a trunk clear of branches for six feet are the largest that you are likely to plant. Standards look rather formal and artificial and are best planted in formal, rather than



A standard staked with a short 3 foot stake

semi-wild areas. They have the biggest root systems and so need the biggest planting holes. They also need staking.

The technique of planting them is to remove the surface vegetation over an area of a square yard and then excavate a hole three inches square by two feet deep.

If you are planting in turf, then I would suggest that you remove the turf carefully using a half-moon and turfing-iron. This will ensure that the perimeter of the hole is neat and square, matching the formality of the standard.

When you dig the soil out of the planting hole I don't think it's necessary to try and keep the topsoil and sub-soil separate. I know that all the text books tell you to do so but in practice it is a bit unrealistic. When the hole is big enough to take the root system of the tree that you are planting, fork the bottom over to improve the drainage and break up any pan.

Next, place the tree in the hole and work out the best position to insert the stake. Basically you want the stake somewhere on the windward side in a position where it can fit between the fingers of the root system.

If you are using the traditional eight foot stake, remove the tree and drive the stake into the ground using a drivall. This is a steel cylinder, sealed at the top, which is used for pile driving fencing and tree stakes. It is a much safer weapon than a mallet used off a pair of step ladders!

With the stake secure, put the tree in position. The trunk should be vertical, about two inches away

from the stake so that it doesn't chafe. You can now backfill the hole making sure the soil has been broken down to a fine crumb size.

After replacing every two or three shovelfuls of soil, shake the tree up and down to work the soil round the root system. When you've covered the root system consolidate the soil with the heel of your boot. Finish off the backfilling and give the soil a final firming.

The tree is now planted and can be tied to the stake. With an eight foot stake you'll need two ties - one just below the top of the stake and the other halfway down the trunk.

Finish the job off by pricking the surface of the soil over to relieve any capping and help rainwater penetration.

You'll notice that I haven't suggested adding anything to the soil in the planting pit. No well-rotted manure, peat, tree planting compound or fertilizer, not even the turf first taken off to dig the hole. Quite honestly, on golf course soils your trees will grow just as well without any additives. In fact, recent scientific research has proved that trees grow just as well without fertilisers or soil conditioners.

The things which do matter are to protect the root hairs all the time the tree is out of the ground and also to keep the area round the base of the newly planted tree free of competition from other vegetation.

Strange as it may seem, many trees are killed each year by misguided kindness. Here's how it happens. Tree pits are excavated in fairly heavy soils, the excavated material is carted off site and the hole backfilled with a high quality compost. When it rains the hole becomes a sump for the less permeable soil surrounding it and the root system is drowned. If you put back only what you dig out this is less likely to happen.

TREES...

Continued on page 40

A round in one at St. Andrews



MOTOR RAKE

It takes a real professional to bring out the best in any championship course. That's why St Andrews, the home of golf, and many other Championship courses choose RANSOMES—grass machinery for the professional.

Take the RANSOMES MOTOR 180 for instance, it's ideal for tee and green surrounds with outstanding manoeuvrability and bank performance.

At St Andrews they've found that it also does a great job on the fairways too, where its floating head cutting units make a superb finish.

So from the first tee to the 18th green it's got to be RANSOMES—the best of British mowers.

Ransomes Sims & Jefferies PLC Nacton Works, Ipswich, IP3 9QG.
Telephone: Ipswich (0473) 270000 Telex: 98174 Fax: 270030.



**HYDRAULIC
517 SPORTSCUTTER**

RANSOMES



TM80 AERIFIER

YOU'LL FIND US IN ALL THE BEST KEPT PLACES



NOTEBOOK...

Niche for new grader

GRADEALL International Ltd of Dungannon, Co. Tyrone, have been associated with the screening and grading industry for over nine years. With this wealth of experience, coupled to the feedback from customers over the years, the company recognised a niche in the market for a compact grader suited to the needs of turf surfaces.

The Beaver is highly portable, easily transported by a landrover. It has a 2 T capacity feed hopper with direct feed as standard, although belt feed or tray feed options are available for variable applications.

The Beaver is compact, yet with a robust design to withstand years of abuse. It is self contained using a Diesel electric or Diesel hydraulic power units although the unit is easily adaptable to mains power.



The unit's compact features with its aggressive set of shredders and high frequency screenbox offers the greenkeeper the ultimate in producing the highest quality top dressing possible.

Save your skin!

OCCUPATIONAL dermatitis is the commonest of all health problems caused by work activities, accounting for the majority of compensation claims made through the DHSS.

But few appreciate it can become serious enough to cause permanent disablement. A national awareness campaign on occupational dermatitis has been launched by the Health and Safety

Executive's Employment Medical Advisory Service to focus attention on the problem.

Many substances commonly used at work can irritate or sensitise the skin with unpleasant consequences.

As soon as any rash develops it is vital that medical help be sought immediately.

Copies of *Save your Skin* leaflets may be obtained by telephoning 051 951 4545

New irrigation manual

THE new 4th edition *Turf Irrigation Manual* is a major update and expansion of this popular reference work, designed for engineers, architects, landscape architects and contractors. Published in the USA, over 25,000 copies of prior editions have been sold.

Based on years of research, field experience and accumulated techniques, the turf irrigation manual utilizes over 250 illustrations to present a step-by-step approach to the design process including: equipment, basic hydraulics, sprinkler performance, plot plans, head layout, pipe sizing and zoning.



New material added to the 1987 edition includes: (1) design criteria for water conservation; (2) soil/water/plant relationships; (3) special considerations for shrub and ground cover watering; (4) evaluation/examples of computer-aided design; and (5) simplified calculator program for determining pressure losses in piping.

the Golf Course

WE'LL BE DELIGHTED TO DEMONSTRATE



HUXLEYS GRASS MACHINERY ON TOP, ON TURF.

We'll give you the cutting edge in the rough and on the smooth.

Call us today for the full facts on Huxley Hydraulic Reelmowers for compact and smaller-sized tractors and the Cushman Front Line range of ride-on rotary mowers.

HUXLEYS GRASS MACHINERY
THE DEAN, NEW ALRESFORD,
HANTS SO24 9BL, ENGLAND.
Tel: 0962 73 3222 Telex: 894426
Fax: 0962 73 4702



"FENDRESS"[®]

THE TRULY NATIONAL TURF DRESSING AS SUPPLIED TO MANY CHAMPIONSHIP COURSES

A Superior Top Dressing, using soils with a low clay and silt content, carefully blended with Fenland Peat and Lime Free Silica Sand, 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.

BULK DELIVERIES TO ALL PARTS OF THE UK IN 10, 15, 20, 25 TONNE LOADS. CUSTOMERS IN BELFAST, ABERDEEN, PLYMOUTH, EAST ANGLIA, ETC.

PLEASE REMEMBER, THERE IS ONLY ONE TRUE FENDRESS, WHICH IS A REGISTERED TRADEMARK. BEWARE OF IMITATIONS.

Pre-Packed supplies available. Special mixes to your specification prepared. Also, Screened Sedge Peat ("Fenpeat") in bulk. Lime Free Sands, White or Yellow. Screened Loam, etc.

Please telephone T.J. Banks for quotations. You will be surprised by our competitive prices.



Contact: Fen Turf Dressings Ltd., Suite 3, Angel Court, Dairy Yard, High Street, Market Harborough, Leics LE16 7NL. Tel: Market Harborough (0858) 64346.



ASHFORD (KENT) GOLF CLUB

invite applications for the post of

COURSE MANAGER

An attractive remuneration package is offered to an experienced manager of staff who has a thorough knowledge of course management and the upkeep of comprehensive course machinery. Apply in writing to:-

J.P.Thomas,
Secretary,
Ashford (Kent) Golf Club,
Sandyhurst Lane,
Ashford,
Kent.
TN25 4NT
Tel: Ashford 22655

IRRIGATION EQUIPMENT INSTALLATION & MAINTENANCE BY & FOR PROFESSIONALS!

Whatever your watering requirements, you can be sure that Turf Irrigation Services can help you. Budget conscious system design, comprehensive choice of equipment, efficient, professional installation work or dependable maintenance services, the choice is yours...

Turf

SOLVE YOUR PROBLEMS! CONTACT...

Irrigation Services Limited

TORO
REGIONAL
DISTRIBUTOR



'MEET ME ON THE
TORO STAND -
7-10, ROW F
10G, WINDSOR'
Says Robin Hume

Betchton, Sandbach, Cheshire, CW11 0TS. Telephone 04775 255/6 Telex 367122 TIS G

...NOTEBOOK

Open Sesame!

EVERY time Tony Cuthbert drove to or from his mid Wales farmhouse, he had to get out of his car and open and close three farm gates.

This performance became such a chore that he used his electronics skills to devise the simple but ingenious Autogate, which works the gates automatically and is powered from a simple 12 volt car battery.

The gate swings into action at the touch of a button - either on a hand transmitter with a range of some 30 metres, or from a button mounted on the gate post.

Now the product is being made available by Wolseley, the electric fencing specialists, for use anywhere where automatically opening and closing gates could be a benefit.

Sales manager Eddy Palin sees a

major benefit being quick and easy installation of the Autogate. There is no expensive and time-consuming mains power to be dug in - once the gate, posts, and opening mechanism are fitted and wired to the battery, it is ready to go.

A simple built-in timing device varies the gap between automatic opening and closing from a few seconds to three minutes.

An automatic cut-out prevents the gate moving if it hits an obstruction, thus preventing damage to the Autogate or the object, whether it's a cow or a car.

The gate takes so little power that a single car battery will endure three months' heavy use before it needs recharging. As an option, a gate-mounted solar panel will keep it contrantly charged up.

More details may be obtained by phoning Wolseley on (0584) 3131.

Seed Here!

BRITISH Seed Houses Limited have announced that their 1987 autumn catalogue, covering amenity grass seed mixtures for golf courses, is now available.

Phone BSH on Warrington (0925) 54411 if you would like a copy.

South Atlantic success

FERTILISER specialist Vitax Limited has just completed its second major export order to the Falkland Islands.

It is just over a year since managing director Trevor Martin led a management buy-out of Vitax from giant Steetley organisation and in that time he has built-up profitable export markets in Europe, Israel and Australia. Vitax can be contacted on Burscough (0704) 893311

the Golf Course



SAI Longlife
...the all year all turf treatment
GROUNDSMAN

SAI Longlife
...the all year all turf treatment
SPRING SOWER

SAI Longlife
...the all year all turf treatment
PRESEEDER

LOGLIFE EFFECTIVE AND EFFICIENT!

SAI 'Longlife' saves you time, money and effort. Six of the 'Longlife' turf foods contain Didin® for a longer more even growth response with improved colour.

'Longlife'—the all year all turf treatment—a range of nine turf foods designed to suit all grass in every situation.

Longlife' is a trade mark of Scottish Agricultural Industries PLC. Didin' is a trade mark of SKW Trostberg AG.

Longlife

The all year all turf treatment

Contact the SAI Information Line:
**Scottish Agricultural Industries PLC, Livingston,
West Lothian, EH54 5QW. Tel: 0506 39281.**

HA 1384

M&B May & Baker

ENVIRONMENTAL PRODUCTS



M&B May & Baker
CASTAWAY PLUS
FOR THE CONTROL OF CLIPPING WEEDS, CHAFFER GRASS AND LEATHERJACKETS IN TURF.

5 litres

THE PROFESSIONAL CHOICE... FOR CONTROL AND CONVENIENCE

**CASTAWAY PLUS is a trade mark of May & Baker Ltd.
May & Baker Ltd., Regent House, Hubert Road, Brentwood CM14 4TZ.**

CASTAWAY PLUS CONTAINS THIOPHANATE-METHYL AND LINDANE.
READ THE LABEL BEFORE YOU BUY. USE PESTICIDES SAFELY.

...NOTEBOOK

A Real Wizz

A.F. Trenchers is offering the Wizz Wheel for high-speed sand-slitting.

Suitable for tractors of between 60 and 120hp with category two and three linkages, the Wizz Wheel can cut trenches 50mm wide speeds of over 2,000 metres/hour depending on tractor hp and soil conditions.

Adjustable disc coulters pre-cut the turf ahead of the digging wheel to ensure a clean trench edge, and a 'floating' crumber cleans the bottom of the trench behind the digging wheel. Maximum depth of cut is 510mm, maximum width, 125mm.

For efficient soil collection, the digging wheel is totally enclosed above ground by a chute which is made in two sliding halves for depth adjustment. This allows accurate hydraulic laser grade control to be fitted to the rear half as an optional extra and ensures that the front half maintains constant contact with the ground.

Excavated soil is discharged from a side outlet and dumped to a height



of two metres by a soil conveyor, hydraulically driven by the tractor. For road transport, the conveyor can be raised and locked in the vertical position beside the digging wheel.

Approximate cost is £7,500 (plus VAT), with clean-up chute and high-level conveyor. Full details from A.F. Trenchers on Colchester

Export honour

SOME 370 employees, together with local dignitaries and representatives from overseas distributors, attended the presentation ceremony, held at Ransomes' Nacton Works in Ipswich, of the Queen's Award for Export Achievement to the company's grass machinery division.

The Award was presented to Ransomes' group chief executive Bob Dodsworth by the Vice Lord Lieutenant for Suffolk, Major General John Dye CBE MC DL.

Celebrating its 200th Anniversary in two years' time, Ransomes is the largest manufacturer in Europe of grass cutting machinery for the professional user and ranks among the top three in the world.

More than half of the grass machinery division's output was exported to over 60 countries around the world last year alone. Destinations included seemingly unlikely places such as Iceland, Saudi Arabia and Nepal. Much of the overseas trade is with other EEC countries. But exporting is nothing new to Ransomes. Its first overseas sales were made as far back as 1810.

It was during the 19602 the company introduced two new types of mowers that were to lead the way to today's high output, cost effective machines.

Quick work

THE Toro Lawn Vacuum and Leaf Blower enables you to make quick work of outdoor clean up. It's two machines in one, 30ins wide vacuum for lawns, paths, driveways and a blower for leaves and other litter.

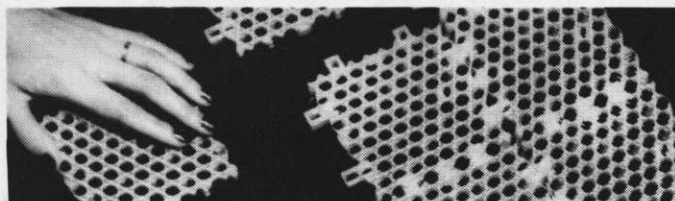
The Vacuum head can adjust to seven positions so clean up is swift, easy and very efficient. It is

self-propelled by 5HP Brigg's and Stratton engine and has a large capacity bag.

An optional vacuum hose is available for cleaning up under shrubs and hedgerows.

More information is available from: Lely (UK) Ltd, Station Road, St. Neots, Huntingdon, Cambs. Telephone (0480) 76971

the Golf Course



NO DIVOT FILLING
INSTALLATION ON TURF OR SEED
ALL YEAR PLAYING
LESS MAINTENANCE
LIGHTWEIGHT AND TOUGH
CAN BE ROLLED UP
PROTECTS GRASS ROOTS
NO MUDDY PATCHES
EXCELLENT GRIP FOR PLAYERS

TECNOTILE 64 OAKHURST GROVE LONDON SE22 9AQ 01-693 6287

**BLACK FENSOIL,
SCREENED SEDGE PEAT
TOP DRESSINGS
SILICA SANDS,**

**BANKS HORTICULTURAL
PRODUCTS LTD. 0858 64346**



A NEW NAME JOINS THE LONGLIFE RANGE!

Finegreen 'N' is the new "no phosphate" treatment for spring and summer use on all fine turf. Finegreen 'N' contains Didin® for a longer more even growth response with improved colour.

Longlife® is a trade mark of Scottish Agricultural Industries PLC. Didin® is a trade mark of SKW Trosberg AG.

Longlife

The all year all turf treatment

Contact the SAI Information Line:
Scottish Agricultural Industries PLC, Livingston,
West Lothian, EH54 5QW. Tel: 0506 39281.

HA 1440

M&B May & Baker
ENVIRONMENTAL PRODUCTS

16 litre Knapsack Sprayer

**THE PROFESSIONAL CHOICE...
FOR CONTROL AND CONVENIENCE**

LURMARK PTP 16 KNAPSACK SPRAYER
Manufactured by LURMARK LTD., Cambridge, England.
May & Baker Ltd., Regent House, Hubert Road, Brentwood CM14 4TZ.

THE PALMER MULTICORE RANGE



SOLE U.K. Concessionaires for the Palmer Multicore Range

**1ST CHOICE FOR...
YOUR**

HOLLOW TILING

- The Multicore Range is:
- * Simple to operate
 - * Very ruggedly built
 - * Competitively priced

For fine turf work ask to see **THE GREENKEEPER** with its close pattern of holes and the widest range of heads and tines than any other machine of its kind

For course turf **THE CONTRACTOR** is a must for speed on the outfields, football pitches etc...

We are proud to announce the **NEW** model for mounting on a compact tractor

See the full range of machines at the **WINDSOR I.O.G. EXHIBITION STAND Q.39-40**

Lawn Mower SPECIALISTS LTD

SANDY LANE, LOWER DARWEN, LANCASHIRE.
TEL BLACKBURN (0254) 672424.

Please send me details of the Multicore range.

Name

Company

Address

.....

...NOTEBOOK

Read all about it!

IN an attempt to make golf club officials much more aware of the risk involved in choosing course watering systems simply on price, Toro Irrigation Limited have just published a twelve page booklet on the subject.

Labeled the *Thinking Man's Guide to Golf Course Watering* the booklet urges golf club secretaries and greens committees to consider the technical implications of each automatic watering system design put before them.

"In my experience, it is very evident that many clubs do not fully understand what they are shown on paper", says Peter Roberts, general manager of Toro Irrigation.

"Even more important" he says, is the fact that greens committees do not generally invite the people who designed the system to meet them and explain the technicalities behind the proposals".

"Club officials seem to think they are looking at like for like when considering various watering system designs, but, in my experience, they are not!"

Copies of the new booklet have been sent to club secretaries throughout the country and additional copies are available through Toro or their regional distributor and dealer network.

Alternatively, write to: Toro Irrigation Ltd., Unit 7, Millstream Trading Estate, Christchurch Road, Ringwood, Hampshire. BH24 35D.

Tyred out!

A PORTABLE, pneumatic tyre bead breaker from Denmark is being introduced by Axeline Eastern Limited of Boston, Lincs.

The Kema Bead Breaker is both small, 13.4" wide x 10" high (340mm x 255mm), and light, weighing 22lb (10kg). It can be used to loosen agricultural tyres, earthmover tyres, forklift tyres, implement tyres, tractor tyres and truck tyres in seconds.

The Kema Bead Breaker is gentle to both tyres and wheels despite developing up to just over a ton of thrust (2300kg). It requires just 16 litres of compressed air to operate - and could even work off the air in a spare wheel.

A wide range of specialist tyres and wheels for machinery and equipment for the amenity, landscape and turf markets is also available.

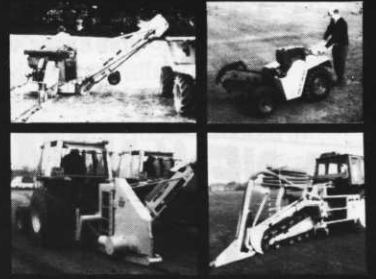
Axeline Eastern staff will be pleased to advise on any 'turf' tyre or wheel problem - telephone 020579 - 531.

New team for Rufford

RUFFORD Top-Dress Supplies, based at Rufford near Southport, who burst on the Top-Dress market late last year, have recently announced a list of distributors and agents appointed to make their product throughout the U.K.

For further details telephone Rufford on (0704) 821314.

For Multi-Purpose High Speed Trenchers Choose AFT



Our range of seven trenchers cut from 5 cm to 45 cm wide for all your cables, water pipes and sportfield drainage requirements with unrivalled performance and cost-effectiveness.

Soil collection systems and laser assisted grading are available on some models.

With over 20 years manufacturing experience, a first class after sales service and a convenient self-drive hire fleet we offer a unique trenching service that is second to none. Write or telephone for details today:-

A. F. Trenchers Ltd.,
Gosbecks Road, Colchester, CO2 9JS
Telephone 0206 44411

Rocol Makes its Mark

A QUICK, easy, simple and highly visible line marking system is available from Rocol Ltd - Rocol Easyline. A range of eight paints, packed in giant 30oz spray cans speeds up marking out of all surfaces.

Rocol Pitchliner, when used in conjunction with the Easyline paint, allows hard surfaces, grass and synthetic surfaces to be efficiently marked without the mess and time involved with conventional line painting methods.

More information can be obtained from the publicity department at Rocol Limited, Rocol House, Swillington, Leeds. LS26 8BS

the Golf Course

BLACK FEN TOPSOIL

Tel: G. J. Moyses
(0733) 69447



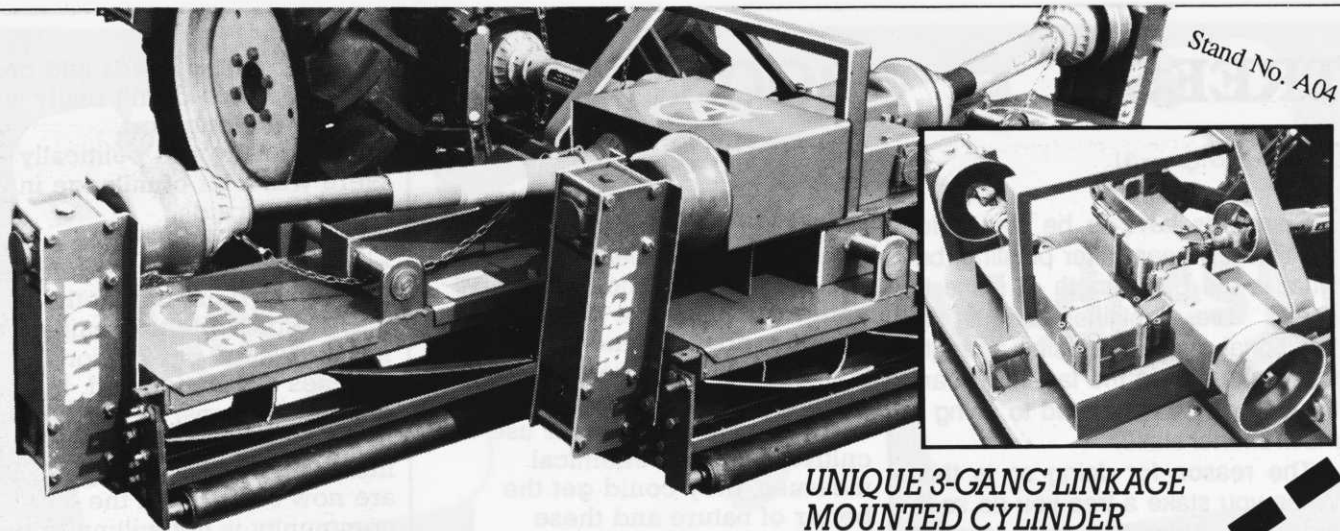
Right Farm Equipment

New and Second-hand Tractors and Grass Cutting Machinery

**Massey Ferguson 35x
£1200 plus VAT**

Book now for the important winter service of your hard worked tractors and grass cutting machinery.

Tel: 042 878 532



UNIQUE 3-GANG LINKAGE
MOUNTED CYLINDER
MOWER FOR TRACTORS
15BHP & ABOVE

*SIMPLY
BETTER*

IT'S WHAT THE 220 HASN'T GOT THAT MAKES IT BETTER!

- NO BELTS • NO CHAINS • NO HYDRAULICS

An end to fiddling belt and chain adjustments! Time-consuming maintenance! Costly repairs! The highly efficient 220 cuts all that out. It gives an 84" cut. Cylinder can be removed in one minute for narrow openings. Quick attach/detach releases tractor for other duties. Folding mainframe.

Ring for demonstration of the REVOLUTIONARY Agar 220.

AGAR

AGAR EQUIPMENT,
Unit H7/9, Blackpole Trading Estate,
Worcester, Worcestershire, WR3 8SG.
Tel: 0905 52717

(3-gang 9/87GK)

Address: _____

Tel: _____



THE LONGLIFE SECRET

IS AVAILABLE HERE AND NOW!

SAI's 'Longlife' range of nine integrated turf care treatments—3 Fine Turf, 3 Groundsman, Finegreen 'N', Preseeder, and Plus—are available throughout the United Kingdom.

For details of your local stockist contact:

Scottish Agricultural Industries PLC,
Livingston, West Lothian, EH54 5QW.
Tel: 0506 39281.

ICI Professional Products,
Woolmead Walk, Farnham, Surrey, GU9 7UB.
Tel: 0252 724525.

Chipman Limited,
Station Yard, Horsham, Sussex, RH12 2NR.
Tel: 0403 60341.

Longlife

The all year all turf treatment

HA 1385

M&B May & Baker
ENVIRONMENTAL
PRODUCTS



THE PROFESSIONAL CHOICE... FOR CONTROL AND CONVENIENCE

SERITOX is a trade mark of May & Baker Ltd.
May & Baker Ltd., Regent House, Hubert Road, Brentwood CM14 4TZ.

SERITOX TURF CONTAINS DICHLORPROP AND MCPA.
READ THE LABEL BEFORE YOU BUY. USE PESTICIDES SAFELY.

TREES...

Continued from page 31

Standards have to be staked for the first few years after planting, but what is the best length of stake to use? I've explained about the traditional method of using an eight foot stake, but in the last few years the fashion has changed to using a much shorter stake.

The reason for doing so is this. When you stake a tree you do so in order to help the root system become established. Provided that the roots don't move about, the rest of the tree above the ground can look after itself. In fact the trunk benefits from swaying about in the wind. This is because a tree produces strengthening wood in response to the forces acting upon it. When a tree is supported but doesn't build up the strength it needs to withstand the wind. As a consequence, when the stake breaks or is removed, the trunk can't cope with the real conditions of the site and may be damaged by gusting winds.

A standard, staked with a short three foot stake, will develop into a stronger three than one staked in the traditional way. There are also other benefits. Short stakes are cheaper than long ones and are much easier to drive into the ground.

Just a final point about tree stakes. They are only needed to do their job for the first few years after tree planting. Therefore, there is no need to buy the expensive ones treated with wood preservative. You don't want them to be rot-proof and last for ever. It is much better that they rot off at ground level and give the tree a chance to learn to stand on its own feet.

So I think that you'll see from this that the most expensive specification for tree planting isn't necessarily the best. Use short, untreated stakes and no soil additives and your trees will thank you for it.

The next article in this series is concerned with tree maintenance.

BOOKS...

Continued from page 24

simply stated that nature would select the plants best fitted to survive in any particular habitat under the influence of the climatic, edaphic and biotic factors that were present.

Then men started to get clever and believed that, by the use of cultivational and chemical measures, they could get the better of nature and these processes of adaptation and succession.

Nature was not slow to strike back and show that She still had a few tricks up her sleeve!

The first indication lay in the disastrous dustbowls of Mid-America in the 'Thirties, when ploughing-up the prairies to give higher productivity instead gave a chance for wind to erode both

the soil and the seeds and crops therein, which didn't really stop anyone for long, for commercially and politically there was a lot of mileage in using these aids.

Once again, today, we are seeing that nature has defeated modern agricultural methods. It may be possible to eliminate the need for such old-fashioned routines as rotation and, by chemical means, to keep on top of diseases, but there is an ever-increasing price to be paid. We are now seeing that the community is not willing to pay that price.

Copying these methods on golf courses has produced horrific problems and we are all finding that we have no alternative but to return to sounder practices - not right back to pure undiluted nature, but to a more sensible balance and the science of plant ecology is essential to that process.



RUFFORD TOP DRESS SUPPLIES

Britain's newest and largest producer of
Top-Dress, with a distribution network
throughout the United Kingdom and Europe

MIDLAND COUNTIES

E.T. BREAKWELL LTD.
814 STRATFORD ROAD
SHINLEY
SOLI HULL
WEST MIDLANDS
B90 4DJ

021 744 4477

SOUTH SOUTH WEST SOUTH WALES

BROWNS OF BRISTOL
101 WHITELADIES ROAD
BRISTOL
BS8 2PE

0272 736831

LINCOLNSHIRE CAMBRIDGESHIRE NORFOLK & SUFFOLK

P. GARFORD LTD
WORPLE ST. ANDREW
WISBECH
LINCOLNSHIRE

0945 780282

BEDFORDSHIRE HERTFORDSHIRE ESSEX

TOWN & COUNTRY LTD
PEAR TREE FARM
SPRING LANE
HATHFIELD PEVEREL
CHELMSFORD
ESSEX

0245 381219

SCOTLAND

SOUTER OF STIRLING
CUNNINGHAM ROAD
SPRING KERSE
STIRLING
SCOTLAND

0786 72141

AGENTS

NORTH EAST
MR DIXIE THOMPSON
LUMLEY GRANGE, GREAT LUMLEY
CHESTER LE STREET, CHESHIRE
091 388 6681

NORTH WALES
MR WALTER BRIGGS
2 GULLSWAY,
LOWER MERESWALL
WIRRAL, MERSEYSIDE
051 342 3376

NORTH EAST AND EUROPE CONTACT US DIRECT

RUFFORD TOP-DRESS SUPPLIES · HAMBRO HOUSE · BRADFIELD ROAD
URMSTON · MANCHESTER M31 1PA · TELEPHONE: 061 747 4333