

Take away the comfortable seating, powerful hydraulics, effortless steering, reliable engine and modern styling



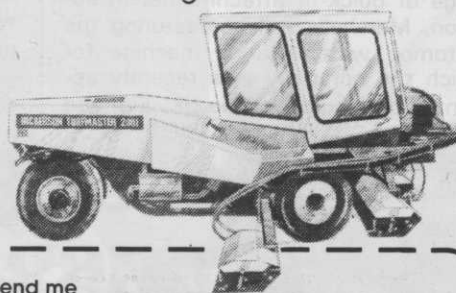
...and you've still got the best mowers on the market today!

It's the cylinders or rotary blades that really count and you'll find none better than on our machines. We make them from scratch. Engineered, assembled, welded and balanced to perfection - every one.

Available with 3, 5 or 7 blades. 25" or 30" widths. All our large diameter cylinder units

are fully floating and height of cut is adjustable without tools. Our rotary blades are built to the same high standards.

Now add to these cylinders and rotary blades the sort of features you need in your grasscutting equipment and you've got the mower you've been looking for.



NICKERSON TURFMASTER

GREAT BRITISH GRASSMANSHIP

Nickerson Turfmaster Ltd., Gainsborough, Lincolnshire.
Tel: (0427) 4776 Telex: 56429

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AVENUE G

Please send me further information on the Turfmaster range.

Name

Position

Company

Address

.....

Tel: G9

LELY ISEKI

Lely introduces a wide range of tractors and attachments to meet full council specification. From 14.5 to 65hp and either two or four wheel drive, a company spokesman said: "Although our sales and market share has increased considerably over the past year, we are confident that with the introduction of numerous new models the potential is even greater. The tough compact TX2140/2160 4WD, together with Backhoe and Loader, is a combination that really works.

"The drive-in subframe hitching lets the operator get on with the job quickly and supports the D224 Backhoe rigidly without punishment to the tractor. The Loader is simple to hitch. Double-acting cylinders are fitted for both lift and bucket functions and special purpose buckets and attachments are available."

The TX2160 with three-gang is a fully mounted hydrostatic mower for a high-quality finish. It offers the advantages of a purpose built self-propelled machine with the added bonus of out-of-season availability of the tractor unit for other work. The layout of the cutting units ensures that they follow ground contours closely and provide adequate overlap for even the tightest turn.

The larger tractors to be seen include the TE4370 complete with gangs and an engine capacity of 1817cc.



Making light work of it - Lely Iseki's 2160.

MAXWELL HART

Maxwell Hart, specialist in the provision of sports and amenity equipment and supplies, has earned an enviable reputation for quality products, competitive prices and excellent service. Featured on its stand will be an unsurpassed range of grass seed and fertilisers, chemicals, line markers, sprinklers, nets, posts and flags as well as the market-leading line-up of synthetic sports and leisure surfaces. There will also be many exciting new products on show for the first time, including a Hart brand liquid fertiliser, a new children's safety surface and a comprehensive line-up of water and irrigation equipment.

MAY & BAKER

Celebrating its 150th anniversary this year, May & Baker will once again be demonstrating the company's prime position as the leading manufacturer and supplier of fine turf products. The new products—Mowchem (grass growth regulator), Rovral Green (fungicide) and Castaway (selective worm-killer)—will be much in evidence, supported by Clearaway (total weedkiller), Clout 40 G (grass weedkiller) and Ringmaster fungicide for fairy ring control. Plus, of course, a special anniversary competition game. All in all, a stand greenkeepers and groundsmen should not miss!

MARSHALL CONCESSIONAIRES

Four new machines will be introduced by Marshall Concessionaires. Two are from Jacobsen, an addition to the company's Turfcat II range, designated models 224; one from Ryan, the Rideair turf aerator and one from JL, the small Multi-trac 220H with its year round range of quick-fit attachments. In addition, Marshalls will be featuring the Motomop water-clearing machine for which the company was recently appointed distributor for the UK, Eire and

the Channel Islands.

Turfcat II, model 224, is a four wheel machine available with either a three-cylinder Kubota 22hp water-cooled diesel engine or the new series 23hp Renault four-cylinder petrol engine. It has hydraulically driven front-mounted implements, power steering, foot-operated hydraulic implement lift and hydrostatic transmission with forward and reverse operated by a single pedal.

The new Turf King II, available in 84 or 76in cutting width, can mow up to 33

acres in an average working day. It has an electric-start 14hp Kohler petrol engine, adjustable steering, hydrostatic transmission with a single foot treadle control for forward and reverse and wing reels that pivot 25 degrees up or down to follow contours. Reels can be backlapped in place.

From Ryan comes the new Rideair—a professional ride-on turf aerator. It has been designed to do for turf what the Greensaire does for greens. Powered by a 8hp engine, the Rideair is only 36in wide giving good manoeuvrability. Its 0.75in tapered steel hollow tines, spaced 3.5in apart, are hydraulically raised and lowered. They penetrate either 2.5in or 3in into the turf over a 21in swath. At 4mph, the Rideair aerates up to 12,250sq ft an hour.

The JL Multi-trac 220H has been developed for those who need a machine with small dimensions (44in working width), but a big working capacity with year-round application. A full range of front-mounted equipment is available, all of which can be connected and disconnected easily. The equipment includes a mounted three unit cylinder mower, rotary mower, sweeper, dozerblade, snowblower, vacuum cleaner and flail mower. The JL Multi-trac 220H is powered by a 22hp Kubota water-cooled diesel engine and has hydrostatic transmission.



The new Jacobsen Turf King 11.



Turfs out weeds...

...whatever your game.

Groundsman. Parks Manager. Gardener. Whatever your job, if it involves dealing with grass, it involves dealing with weeds.

And when it comes to dealing with weeds who better to have on your side than ICI. Especially now, with new 'Super Verdone' and 'Verdone' from ICI Professional Products.

The dynamic 'Verdone' duo copes with all kinds of turf weeds. From simple daisies and dandelions to more exotic pro-cumbent pearlwort and speedwell.

'Verdone' is an economical selective hormone type weedkiller containing mecoprop and 2, 4-D, controlling broad-leaved weeds in established turf.


Its partner with a broader spectrum of turf weed control, 'Super Verdone' does all that ordinary 'Verdone' does, but containing dicamba, and ioxynil it becomes a contact weedkiller, and deals with those difficult weeds, such as knotgrass, yellow suckling clover and parsley piert.

And they're just two of a whole range of products from ICI made specifically

with the needs of the professional in mind.

For the name of your local distributor contact ICI Professional Products, Woolmead House East, Woolmead Walk, Farnham, Surrey GU9 7UB. Telephone: (0252) 724525.

You'll find we know our game as well as you know yours.

 **Professional Products**
Protection with Authority

MORRISON (UK) LTD

More bold designs, more features and more value in a mower are Morrison's claims for 1985. The range includes the highly successful Olympic 400, 500 and 600 series and the professional Golfmaster 500 cylinder mowers. The extended range now includes the improved Triplex Mark 111 (35 acres in eight hours) with electric lift control; the New Rapier 710 - 28in cut, 11hp engine, three forward, one reverse gear, with non-slip drive and separate blade disengagement; the new 3'N'1 discharge, catcher and mulcher (two or four stroke) rotary mower; plus the mini hoe cultivator and Electric 35—14in electric rotary mower. All are designed and built with precision gearing to achieve a superior cut and are available ex-stock with a full technical back-up service and complement of spares for national distribution.

MOMMERSTEEG INTERNATIONAL

Plant breeders Mommersteeg International will be displaying old and new varieties, as well as giving technical assistance on any aspect of turf culture. Always an innovator, the company hopes to have on view the results of new research that could be of considerable benefit to the industry.

NICKERSON TURFMASTER

This year, the company will be exhibiting its comprehensive range of high-work-rate grass machinery together with its turfcare equipment.

Wherever there are large areas of grass to be maintained and cut, Turfmaster equipment enjoys universal acceptance. Models range from the Turfmaster 2001, which can be fitted with a five gang hydraulic cylinder unit or a six ft rotary deck to the Turfmaster 360, the outstanding 70in triple mower ideal for golf courses, and the Turfmaster 84, which has, for many years, set the standards for 7ft mowers.

In addition, Nickerson Turfmaster's range of turfcare accessories, including sweepers and powerakes, will be on view, together with the rugged and versatile 30hp tractor.



The ever—popular Nickerson Turfmaster 84.

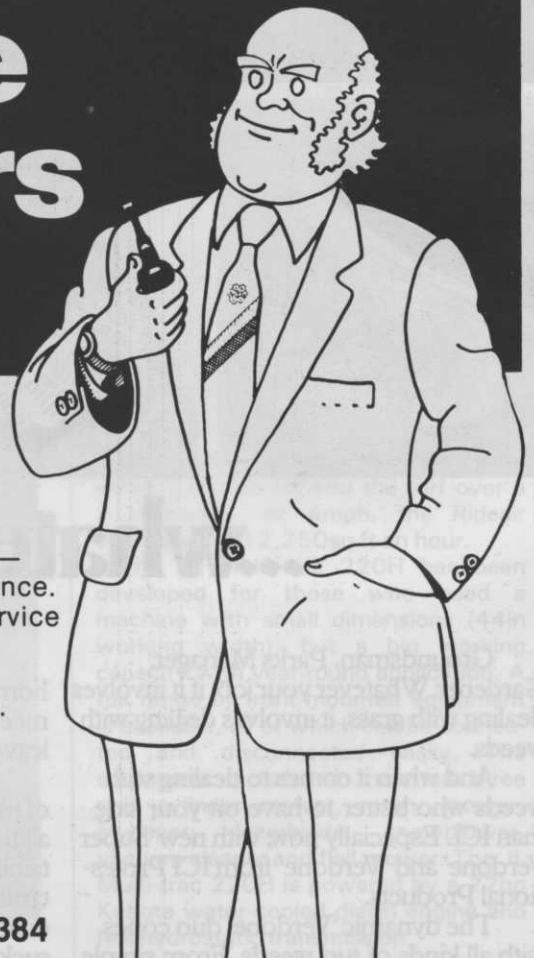
Call us before your members call you

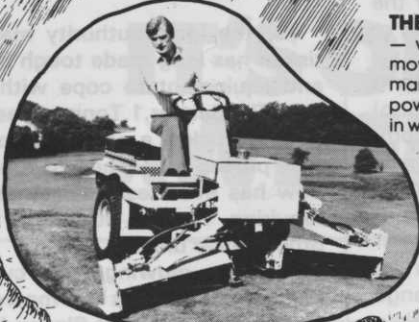
Supaturf are experts in turf management and can help you keep your grounds looking good and playing well. We produce and sell a whole range of products — fertilisers, grass seed, weed-killers and other turf maintenance aids — that are suited to fine turf and hard wearing grass alike. We supply some of 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.



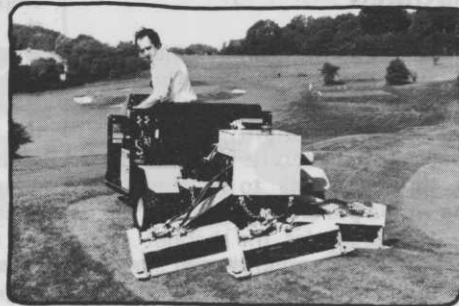
Supaturf

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THE CUSHMAN FRONT LINE
— with Huxley Hydraulic Reel-mower combines speed, manoeuvrability and hydraulic power for a superb finish, even in wet conditions.



CUSHMAN 3-WHEEL TURF TRUCKSTER

with hydraulic triple reel mower. Used by top Championship courses and hundreds of Golf Clubs, Sports Centres and Local Authorities throughout the United Kingdom and Ireland. The ultimate for all-year-round turf maintenance and transport tasks. Full range of Cushman and British-made Huxley attachments includes new Hydraulic Reelmower (illustrated), topdresser, sprayer, aerators, rakes, hollow-finners, dragmats, brushes, transporters, vertirake and moleblade.

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**NEW
STANDARDS**

**FOR
TURF**

MAINTENANCE



CUSHMAN 3-WHEEL TURF TRUCKSTER

with quick-attach dump box. Live hydraulics allow loads to be tipped from the driver's seat. 1500lb payload makes light load of hauling bagged or loose materials. Long dump box and low-loading transport carrier also available.



ROYER SOIL SHREDDERS AND POWERSCREENS

A full range of high performance machines for processing topsoil, peat, compost and leafmould. Hand or mechanically loaded models giving 12 to 140 cu yds an hour outputs.



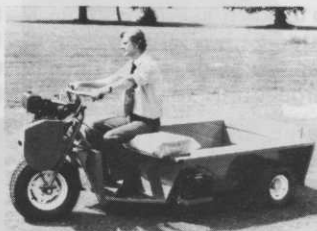
THE CUSHMAN FRONT LINE

— puts rotary mowing standards way ahead — 5ft or 6ft cut. Change to the Hydraulic Reelmower or Rotary Brush attachments for all-round versatility. (Roll Bar and Cab optional).



CUSHMAN 4-WHEEL TURF TRUCKSTER

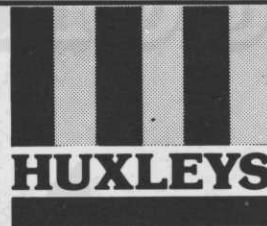
— with new Huxley Deep Aerator. The ultimate for all-terrain, all-year-round maintenance work. The new 4-Wheel Truckster has four wheel hydraulic braking, uprated suspension and a top speed of 20 mph. Takes the same full range of Cushman and Huxley Turf Care attachments as the 3-Wheel Turf Truckster.



RED RIDER WORK CARTS

Rugged, economical low-loading transporters to move almost anything anywhere. Carries up to 1000lbs or 7 men — forward and reverse gears — 12mph maximum speed.

More than 700 Cushman and 400 Royer users can't be wrong. Call us now for full details of the equipment that can set new standards on your course. Demonstrations readily available from specialist dealers nationwide. Ask for a free loan of our new film showing the Cushman Turf Care System in action.



Hillside,
Thorpe Lea Road, Egham,
Surrey. TW20 8JG
Tel: 0784 38666

RANSOMES

Taking pride of place on Ransomes, stand will be the company's new hydraulic trailed gang mower with a cutting width of 3.4m (11ft). The Hydraulic 340TG can be hooked up in under three minutes to any towing vehicle with a pto and with no less than 23kw (30hp) under the bonnet and towed between mowing sites at speeds of up to 80km/h (50mph). With the proven advantages of hydraulic operation, it has five cutting units, which can be either of the fixed head Magna type with 25cm (10in) diameter cutting cylinders or of the floating head Sportcutter type with 20cm (8in) diameter cutting cylinders.

Announcing the introduction of a hydrostatic drive for its Vergecutter 76, Ransomes claims a significant improvement to work output, particularly when working in confined areas. The mower has reverse drive and a choice of four cutting speeds. This 76cm (30in) wide cut machine has a transport speed of 6.4km/hr (4mph) and is fitted with a large diameter Magna type cutting cylinder able to tackle grass up to 25cm (10in) high. Fitted with a MAG 4.6kW (6.5hp) engine, the wide track tyres allow the Vergecutter to work on

slopes and when trimming over edges, the grass is evenly distributed over the whole width of cut - not on the path or in the road.

After early tests in Europe fitting the Renault four cylinder 21kW (28hp) water-cooled petrol engine to the company's Rider Rotaries, further trials utilising this engine have been carried out in the UK and USA. The success of these trials has resulted in the Renault engine being offered as an option to the diesel on both the Rider Rotary range and the Motor 213 all-hydraulic triple mower. The company expects the majority of these machines to be sold with diesel engines, but there is a significant demand for the petrol version, particularly from users without the facility for storing diesel.

Launched at last year's IOG, since when over 60 per cent of sales have been overseas, Ransomes will again be showing the Motor 350D, but this year with a new option of floating head cutting units. Fitted with 20cm (8in) diameter Sportcutter type eight-knife cutting cylinders, the five floating heads, in addition to providing an even height of cut on undulating ground, also help reduce scalping. They are particularly suited to fairways on dune-type courses.



Ransomes' new five-unit hydraulic trailed gang mower can be hooked up to the tractor in under three minutes.

PATTISSON

For the local authority market, Pattisson has long made tough basic tools and equipment to cope with vigorous use. The Beaver 1 Tonne three-wheeled tipping truck is a good example - being 'use proved' over the last four years, it now has even less maintenance items requiring regular attention than any other similar unit.

For gang mowing grass cutting, the Parkover Trailer has five mower units, a cutting width of 11ft 6in, and less than 7ft when towed between sites, hydraulic lift and lowering of all the units.

And there is still the ubiquitous Pattisson Spiker - The SP - which goes on and on, is simple to use and simple to maintain. Also on show at Windsor will be a new deep slitter, a new mounted spiker and a range of new no parking signs and hand tools.

PARKERS

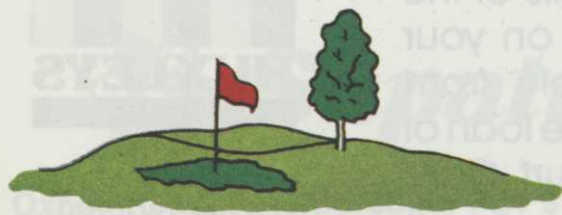
T. Parker & Sons (Turf Management) will feature in a restyled hospitality pavilion the Verdant and Mommersteeg range of grass seeds, plus its Greenfeed range of fertilisers and top dressings. Greenfeed Fine Turf Fertiliser in both spring/summer and autumn/winter form has become a firm favourite.

New this year is the artificial turf Super-Tee, for which Parkers are the main distributors, and the revolutionary Tee-Turf mat.

The company markets a range of machinery of its own, including the Aggregator Tractor Mounted Soil Screen, the Parker T2 Deluxe Sprinkler and the Parkamatic Self Travelling Sprinkler, Park Central Coupling Hose Reels, Park Water Barrows, the Park Professional Sprayer for high volume and low volume application, Macwin Line Markers, Dimple Markers and Parker Prince Markers. The Perfecto range of golf course equipment includes flag pins, flags, hole tins, tee markers, ball scrubbers and Parker Spreaders.

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

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IT'S ON THE GREEN ...WHERE IT COUNTS!



... of all the mowing jobs on a golf course, mowing the greens requires the most delicate touch of all. The new GREENSMaster 3 ensures a uniform cutting height, appearance and playing characteristic while manoeuvring in a tightly defined area. Why not see this exceptional mower in action... the GREENSMaster 3 has so much more to offer!

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RIGBY TAYLOR

To celebrate the golden jubilee of the Institute of Groundsmanship, Rigby Taylor cordially invites its many friends to visit the company's Golden Stand where a warm welcome is assured. The central theme of the display, shown in a garden setting, will be Rigby Taylor's most successful Mascot range of chemicals, fungicides, spreaders, markers and fertilisers, as well as a host of exciting new products to assist the greenkeeper/groundsman. For further details, contact Mr E.J. Ryan, Rigby Taylor (South), Unit 7, The Riverway Estate, Peasmarsh, Guildford, Surrey GU3 1LZ.

SISIS EQUIPMENT

A large and varied display of the comprehensive SISIS range of sportsground maintenance equipment for use on turf and hard porous surfaces will be exhibited. The SISIS Hydromain System will feature prominently and both the Fourteen and Sixteen models will be on show, together with a wide selection of items from over 30 attachments available. Also on display will be the recently introduced SISIS/Acre Soil Processors and some new products and design improvements to existing machines.



BRIAN D. PIERSON (CONTRACTORS)

The company has established itself as one of the UK's leading golf-course constructors, having recently completed its 50th contract, including major alterations to four Open Championship courses. Recently, Pierson diversified into specialist maintenance and the full Cushman range, Cambridge Soil Vibrator and Verti-Drain are available for hire. The company is becoming increasingly involved in overseas contracts and it is hoped that this autumn work will commence on a new golf course in Tenerife, with possible follow-ups on the Costa del Sol and in Portugal. A landscaping and sportsground section now operates six fully mobile landscaping units throughout the south.

TORO

Designed to fill a much-needed role between the existing Super 600 and 640 pop-up sprinklers, Toro Irrigation is introducing the new 610 pop-up at Windsor.

The Toro 610 offers both performance and economy. Its 3.5in pop-up action makes it good for watering longer-cut grasses and its check-valve prevents low head drainage. Twelve different watering arcs, adjustable radius plus the ability to operate in sandy water and soil conditions are plus-points.

Additionally, Toro will also be introducing its new XP-300 range of lawn sprinklers, shrub head and high-pop sprinklers which, between them, effectively extends the choice of the existing range of 300 series stream rotors. Of special note is the XP-300's high-pop action, which provides nozzle travel of 12.25in above the body—ideal for watering low ground cover planting where sprinkler visibility is undesirable.

Two new, second generation electronic controllers, suitable for golf course and landscape irrigation systems will be exhibited for the first time by Toro UK distributors.

Now turn to page 27...

STEETLEY VITAX

Two new products, part of the Steetley Vitax Key range, will be appearing at Windsor. Key Turf Tonic is for use in both early spring and autumn. The product contains 2.1 per cent nitrogen, 2.5 per cent potash and 3 per cent iron, but is one of the Vitax zero-phosphate developments. The second introduction will be zero-phosphate Key Foliar Feed for use when stress conditions exist or when other feeding methods are unsuitable. It contains 20 per cent nitrogen, 15 per cent potash and follows the 4:0:3 format of Fine'X', CF4 and Micro-Gran 3.

Steetley Vitax will also be making a special feature of its recently introduced Gold and Silver Key grass seed mixtures with specially-grown swards of each of the available blends (four Gold Key and six Silver Key) and there will be samples of each.

SUPATURF PRODUCTS

Supaturf of Peterborough will feature its full range of organic-based fertilisers and turfcare products, including grass seed, weed killers and other turf maintenance aids suited to fine and hard-wearing grass alike, plus sports equipment marketed mostly under the Supaturf brand name.

A most important acquisition to the product range is Aqua-Gro. It is a unique wetting agent, winner of the most innovative new product at the BGLA, which will be of great interest to groundsmen after this summer's prolonged dry weather.

Producing and selling to the amenity and environmental markets and supplying some of the country's best-known sporting venues means extremely high standards have to be continuously maintained. Supaturf also places heavy emphasis on its professional advisory service, which can be called upon at any time, free of charge.

SURREY LOAMS

Surrey Loams will be showing its Graded Organic Sports Turf Dressings - a complete range of superfine top dressings that are absorbed quickly into any sward. Now distributed under the registered trade name G.O.S.T.D., it should be noted that materials not bearing the G.O.S.T.D. brand name and trade mark do not originate from Surrey Loams. The company has found it necessary to change its marketing approach in respect of product definition because of the widespread abuse of the term Surrey Loam and the variable and often dubious materials supplied as Surrey Loam.

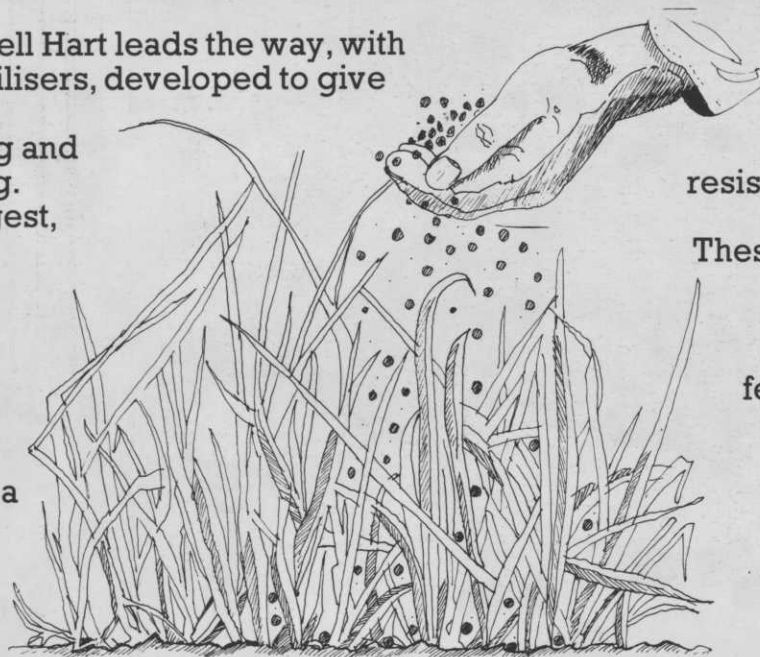
HART NEWS

New formula makes fertilisers even more effective

Once again, Maxwell Hart leads the way, with two new-formula fertilisers, developed to give even better results:

Turf Ranger 1 plus Mg and
Fert-E-Miza 6 plus Mg.

As the names suggest, these fertilisers now include magnesium. The benefit of this is twofold. Whilst magnesium is, itself, essential for good plant health and colour, it also acts as a carrier for valuable phosphates.



Both fertilisers also have added iron for improved disease resistance and control of moss and weeds. These are just part of the complete Hart range of general and specialised fertilisers. As always, Maxwell Hart will be pleased to help and advise you in making your selection.



MAXWELL HART

For further information, contact:

Maxwell Hart Ltd., Winnersh, Wokingham RG11 5HF.
Telephone Wokingham (0734) 785655. Telex 848669.



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