



SODNET being laid on Lindum turf fields.

THE INTURF GROUP

INTURF has built up an enviable reputation for itself, particularly within the sportsground market and according to their Managing Director, Derek Edwards, "The boom in golf course development over the past few years has contributed considerably to the growth of our business, from one turf nursery and 60 acres in 1985 to four turf production nurseries and almost 1600 acres today."

For the golf course market Inturf produce a traditional 80/20 fescue/bent mixture of grasses grown on a stone-free sandy soil, all treated against poa annua using their own specialist system of pre and post emergence spraying treatments. Inturf also produce a pure fescue mixture of around eight top varieties of chewings and slender creeping red fescues, again grown on stone-free sandy soils and

treated against poa annua. The Company have also considered growing a pure agrostis turf but this will only be undertaken for special applications/requirements and for the foreseeable future will only be grown to order. As Derek Edwards put it "Whilst pure agrostic swards, particularly creeping bent, are popular in the United States and in Southern Europe and can look and perform stunningly well in those climatic conditions, unfortunately it is far from suitable for the vagaries of our own climate. Here we need a good variety of species and cultivars for all year round results."

For teeing areas, Inturf produce their SS4 turf, being a mixture of smooth stalked meadow grass, slender creeping red fescue, chewings fescue and browntop. All these species are of the highest quality available and grown in stone-free sandy soils and

treated against poa annua.

The Company offers a further four types of mature cultivated turf and with their new and quite unique harvesting equipment can now supply turf to virtually any thickness and in sizes of half square yard, one square yard, half square metre and one square metre. Derek commented that in his own trials he noticed that a thinly cut turf (say between quarter and half inch thick) transplanted very much more vigorously than turf cut to a more traditional thickness of between three-quarters of an inch and one inch. Derek went on to say that this was only possible providing the turf was laid within a forty-eight hour period of harvesting and watered in immediately.

Derek Edwards went on to emphasize the importance of talking to properly qualified and experienced turf growers when selecting turf for golf

green or tee development.

"Surprisingly there are very few turf growers in this country with sufficient experience or the necessary qualifications to advise greenkeepers on how to cultivate and manage turf grass properly. Often they pretend to know sooner than admit to their own inexperience and provide the wrong information, which could potentially be very damaging to the whole of our industry."

Inturf has its own in-house turf advisory service operated through their Company, Turfgrass Services International Limited which comprises a team of the country's leading sportsground specialist, horticulturists and greenkeepers who come together on specific projects where a high quality result is demanded.

SEEDS & TURF PRODUCERS



The spectacular island green at Collingtree - opening for play at Easter. The superb end result of excellent use of seed and turf.

CUCKMERE VALLEY TURF FARMS

CUCKMERE Valley Turf Farms was founded in November 1987 by Keith & Linda Winter. Keith has been involved in the turf industry since 1963 of which the last 12 years were spent in the production of seed grown turf.

They are based near the south coast in East Sussex, on approximately 300 acres in different locations to allow all year round production and delivery regardless of weather conditions.

Cuckmere Valley Turf Farms was created to specialize in the production of top quality seed grown turf from general landscaping to golf and bowling greens.

Keith is actively involved with the growing of the turf using his many years of experience to continuously monitor the turf during all of the growing stages, constantly trying to improve the product.

Since its inception the business has grown considerably and the workforce has already doubled, they are already supplying turf to Golf Clubs, Local Authorities and many Landscape Gardeners.

They are even supplying an increasing amount of quality turf to other well known turf suppliers. The company is gaining a considerable reputa-

tion for its fast efficient delivery service.

Whilst Keith is involved with the task of growing the turf with his efficient work force, Linda is dealing with the every day running of the business in the office. One of them is always available to deal with any queries from existing or prospective customers.

**No wear,
no tear... just turf?**

From sowing the seed to delivery to your site, Turfland offers you a complete service. Delivery by fully trained drivers via Turfland's own fleet of trucks with mechanical off-loading for minimum handling.

Fine quality turves, cultivated and fully matured, tended and cared for at all stages in the growing process.

To produce hardwearing, easily transportable rolls of turf to your requirements. Turf that will withstand all the rigours of daily use, to last a lifetime.

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THE REALITY OF TURF AND SEED

THROUGHOUT the country, individuals, syndicates, councils and national companies are applying for planning permission to construct golf courses and leisure complexes. Once their applications are approved, who should they approach for advice and quality products?

Greens Chairmen/Greenkeepers of existing courses are looking for updated information and advice, the possibility of on-site discussion, to find solutions to their problems.

Lindum Turf are recognised for their expertise, products and commitment.

Quality seeded turf. Grades are available for all applications, for example, Greens, Tees.

Continued on page 37

SEEDS & TURF PRODUCERS



The working greenkeeper at 5 a.m. at Belmont Golf Club tending his beloved turf.

Seed prescriptions. Individually designed for customers specific needs. Subject to soil analysis and location prescriptions are designed specifically for renovation/compatibility work and/or full course construction.

Fertiliser Compounds. Individually designed per location/application are subject to analysis results.

Sodnet netting. The product designed to eliminate soil/seedbed erosion also incorporated in certain grades of turf to enhance wear resistance.

From conception to completion or renovation, Lindum will be pleased to provide both up-to-date information and advice.

Lindum Quality Seeded Turf. Contact: Geoff Hodson, Sales and Marketing Manager, tel. 065-261 564.

The first product of Johnsons' amenity grass breeding programme and launched after 15 years of assessment, commercial development and trials, Jupiter offers all the attributes which sports people and amenity turf managers look for in a cultivar, notably:

- *Bright emerald green and distinctive strong winter colours
- *Uniform and compact low growth
- *Compactness
- *Tolerance to drought in summer and cold in winter
- *Disease resistance

The remainder of the J range comprises fine turf, flexiturf, tough turf and tolerant turf, all bred for specific situations.

Specifically these are J1 for bowling, golf and putting greens, J2 for golf greens and cricket squares, J3 for golf fairways and tees and hockey pitches, J4 for cricket outfield and hockey pitches, J5 for golf fairways and playing fields, J7 for football and rugby pitches, J8 (Slowgrow) for golf roughs, building surrounds and slopes, Greenmaster for golf and putting greens, Taskmaster for golf tees, cricket squares and tennis courts and Sportsmaster for soccer and rugby pitches.

INTURF

IN THE MIDLANDS
IN YORKSHIRE
IN THE SOUTH
IN SCOTLAND

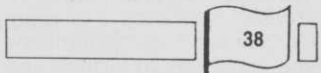


A comprehensive range of cultivated turf for all sports ground and landscaping requirements.

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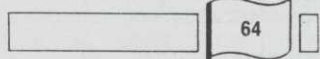
IN TOUCH WITH
"THE BEST TURF ON EARTH"



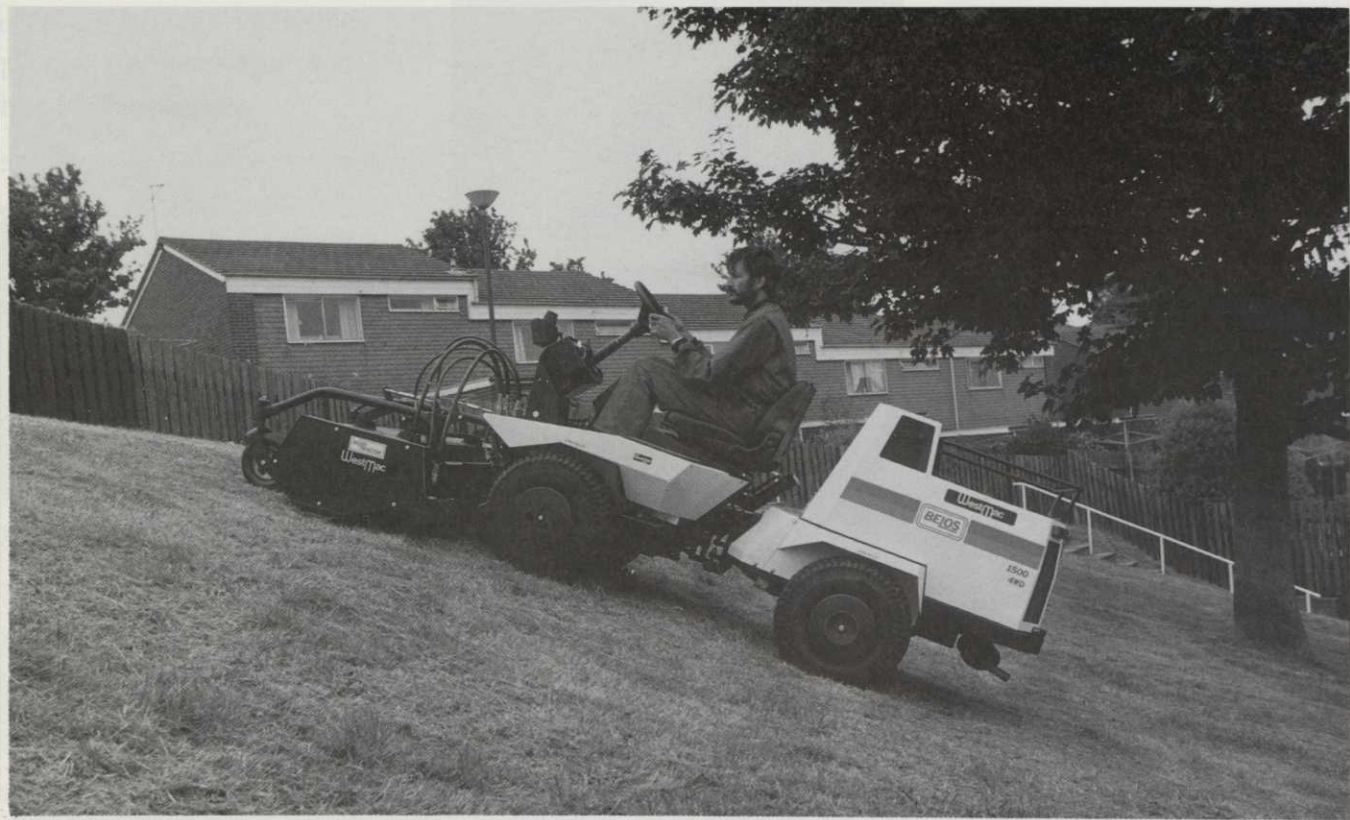
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JOHNSONS' JUPITER IN ORBIT FOR THE 1990s

JOHNSONS Seeds of Boston enter the new decade with a fine selection of turf from their J range, led by Jupiter, the outstanding fine-leaved cultivar of the slender red fescue group



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The low centre of gravity of the Belos gives extra stability and safety - especially on slopes.

MOMMERSTEEG

MOMMERSTEEG introduce Headstart (TM), the new revolutionary seed dressing.

For many years now Mommersteeg has been looking into various methods of dressing seeds with the purpose of improving field germination. Having looked at and rejected various seed coatings - some because field germination was retarded as opposed to improved, some because they contained chemicals - Mommersteeg came up with the answer: Headstart (TM).

Working with Microbial Developments Limited, it was decided that what was needed was a 100% organic, non-toxic treatment which could only enhance the seeds performance, yet at the same time have a beneficial advantage to the environment. This was particularly important with the advent of the C.O.S.H.H. regulations, which place a legal duty on employers to reduce potential risks when dealing with chemicals and seed dressings.

Mommersteeg set out its aims; Microbial Development Limited went to work to achieve these goals, producing an integrated product which works in a variety of ways to stimulate seedling growth. Headstart contains:

1. Natural plant hormones which would speed up germination, root and shoot

development. **Object we achieved.**

2. Enzymes to help break down the natural seed coat thus allowing ready uptake of moisture. **Object we achieved.**

3. Enzymes which would speed up starch mobilization which in turn would encourage more rapid growth. **Object we achieved.**

4. An organic molecule which would attract water to itself thus allowing for a more rapid absorption. **Object we achieved.**

5. A totally organic complex or, put in more exotic terms, hydrolysed protein complex which would provide nutrients to the germinating seedling and, at the same time, stimulate localised bacteria within the rhizosphere. **Object we achieved.**

Add all these points together and you have Mommersteeg's Headstart (TM) seed dressing. Increased vigour means increased resistance to disease. Quicker establishment means you achieving your goals in a shorter period of time, and all with the use of an environmentally safe seed dressing.

Headstart is the Registered Trade Mark of Microbial Developments Limited.

STEWARTS

AT
THE
CENTRE
OF TURF
MANAGEMENT

Mayfield
Industrial Estate
Dalkeith
EH22 4BZ

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Fax: 031-663 0651

Stoney Brae,
Potterhill,
Paisley
PA2 7TG

Tel: 041-884 7525
Fax: 041-884 6252



Michael Bonallack, centre, talks to Rolawn staff at the recent ETME exhibition.

BARENBRUG UK LTD

ONE look at the S.T.R.I. Turfgrass Seed booklet and another at the bewildering array of grass seed mixtures available from seed houses show how much grass breeding has advanced over the past twenty years or so. The selection and evaluation of new varieties now means that the grass seed buyer can be very specific in his choice of species and variety to suit his own particular requirement and environment.

For example, some varieties of perennial ryegrass do very well heavy duty wear such as soccer pitches, but are much poorer for finer uses. Nowadays it is not just a question of deciding which type of grass species to have - choice of variety within each species has become much more important.

Barenbrug has been a market leader in the breeding and selection of amenity grasses for many decades. The Barenbrug breeders spend many years carefully crossing and evaluating potential varieties before submitting them for official trials. Many thousands of lines have to be screened to produce one new variety. The care and attention devoted to breeding has been well rewarded in the performance of many Barenbrug

varieties in the S.T.R.I. trials. There are few other companies with the range of quality varieties leading the lists in the UK.

In perennial ryegrasses both Barclay and Barry are established Barenbrug varieties, with Barrage topping the new variety list for heavy duty use. With chewings fescue, Barfalla, Wintergreen and Barnica are on the list, while Baruba is an exciting new variety shortly to be released. Barcrown is a new slender creeping red fescue which promises to outperform every other variety on the list. Under brown top bents, Bardot has become a standard variety for those wishing a better quality bentgrass turf than Highland. And finally Baron which even after 20 years is still the world's best selling *Poa pratensis*.

With this stable of amenity grass varieties, it is not surprising that Barenbrug UK is set to become one of the leading suppliers of quality grass seed to the UK market.

For further information on any of the varieties or company, please contact Anthony Campson (Managing Director) or Jonathan Turner (Marketing Director) at Barenbrug UK Ltd, Rougham Industrial Estate, Bury St Edmunds, Suffolk.

CUCKMERE VALLEY TURF FARMS

THE
NEW NAME IN
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TURF
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A FULL
RANGE OF
TURF FROM
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SEEDS & TURF PRODUCERS

AVONCROP LTD

AVONCROP Ltd, the well known and respected suppliers to the Commercial Horticultural Industry, have pleasure in announcing their move into Amenity Horticulture with the formation of Avoncrop Amenity Products.

Avoncrop Amenity Products will operate out of the existing Avoncrop Ltd., premises at Sandford, near Bristol where extensive warehousing and transport facilities are available to give Customers a first class service.

Avoncrop Ltd., with their many Main Distributorships and extensive range of Commercial Horticultural Products already in stock enables the new business to make much of this available to the Amenity Customer along with leading brands of Amenity Chemicals, Fertilisers, Grass Seed Mixtures, Top Dressings, Sportsground Equipment, Line Marking Materials, etc.

Avoncrop Amenity Products "Customer Service Policy" is well backed on the Sales and Technical front with the expertise of Mr David Padfield and Mr John Palfrey who have recently joined Avoncrop and will be available to discuss any enquiries you may have.

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FAIRFIELD TURF

FAIRFIELD Turf have increased production to over 800 acres to cater for the exceptional demand for their products:

Flora Turf. This new product has been well received by the trade and especially by local authorities and architects looking to create small conservation areas, and to provide attractive swathes of colour during the growing season.

Supersport Turf. This product keeps improving, and is now, thanks to the latest ryegrass cultivars like "Numan", a much finer looking turf requiring less mowing due to the dwarf habit of this ryegrass.

For utility areas, tees which are difficult to keep grass cover on, for construction of revetments (bunker sides), ditch banks, Supersport is the ideal turf.

Superturf. Is increasingly popular as a tee's turf and for aprons and bunker slopes. The smooth stalk meadow grass contained in Superturf is extremely persistent in growth habit, and is able to shoot

JENNIFER'S POST

INTER Seeds Ltd., the amenity grass seed and wild flower seed specialists, has appointed Mrs Jennifer Waterfield as their Sports and Amenity Grassland Consultant for the South East of England.

Jennifer joins Inter Seeds Ltd. from a major fertiliser company and her role will be to advise local authorities, landscape architects, landscape contractors, turf growers, sports clubs and golf clubs on the correct choice and use of grasses, wild flowers, fertilisers and biodegradable erosion control matting.

Contact can be made through Inter Seeds Ltd., Southern Avenue, Leominster, Herefordshire HR6 0QF. Tel. (0568) 6363. Fax. (0568) 611344.



Jennifer Waterfield.

again from its rhizomes which is particularly advantageous when used on tee areas. Superturf is also well adapted to areas where drought and shade can be a problem.

Superfine Turf. Is grown from a fescue/bentgrass seed mix, providing a superb putting surface for golf and bowling greens. This grade of turf is treated against invasion by poa annua. Production is available now, and we expect demand to be very heavy for Superfine Turf this Spring.

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STEWART AND CO. SEEDSMEN LTD.

STEWART & Company Seedsmen Ltd were traditional Seedsmen when they were established almost 100 years ago, as suppliers of flower and vegetable seeds to Estates and Commercial growers throughout Scotland and England.

It was the interest in sport, and golf in particular, of John Forbes, grandfather of the present Managing Director, that led to the development of the Sports Turf division of the Company.

It became apparent a number of years ago, that despite the growth in the traditional Sports Turf Market, any



Inter Seeds

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Send now for our comprehensive 1990 catalogue detailing the PRO range of AMENITY GRASSES including the top D.S.V. varieties LISABELLE, LISUNA, LIFALLA, LIPROSA and LIMOUSINE. Wild flower mixtures, fertilisers and erosion control matting also included.

Inter Seeds Limited

Southern Avenue Industrial Estate Leominster Herefordshire HR6 0QF
Tel. Leominster (0568) 6363 Telex 35307 INTERS-G Fax. (0568) 611344



SEEDS & TURF PRODUCERS

real growth would have to come from diversification within the market place best known to the Company.

The acquisition of Sportsground Construction Ltd of Paisley, provided the ability to carry out operations as varied as machine work on Bowling and Golf Greens, construction of Five-a-Side Artificial Pitches and Full Size Grass Pitches, as well as Golf Course alterations.

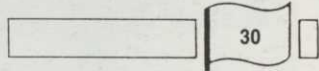
Further diversification was announced last week with the setting up of Groundcare Services, a new division within Sportsground Construction, which will supply specialised machinery to the Sports Turf market.

Another dramatic upturn in the fortunes of the Company came after its investment, four years ago, in the York-based company "Inturf", managed by Derek Edwards.

This interest in the production of quality cultivated turf, led Stewarts into setting up their own turf farm in East Linton, which has over 340 acres currently under cultivation. Stewarts turf is marketed through the Inturf Group, which has nurseries in East Lothian, York, Grantham and

Newmarket.

Although no longer traditional Seedsmen as they once were, Stewart & Company do supply their own range of Stronghold Seed and, as Scottish distributor for Mommesteeg International, still supply the Amenity market with a variety of quality grass seeds.



BRITISH SEED HOUSES LTD.

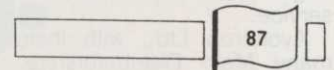
HERE is no doubt that more people than ever before are swinging a golf club and with the Royal & Ancients recent announcement that a further 700 golf courses are required in the UK over the next few years, the picture of golf in this country looks well assured. Over the last 15 years the Amenity Grass Division of B.S.H. have been carrying out a great deal of research and development work concerning new grass varieties as well as trials on different grass seed mixtures. The company are currently sponsoring a heavy research programme at both

the Plant Breeding Station at Queens University Belfast and at Abetysththo University. Independent grass trials are also being carried out at the Long Ashton Research Station near Bristol and the North Scotland Agricultural College at Aberdeen. The first results from Queens University have recently been introduced with the new low-growing slender creeping red fescue called Logro. Which grows to a height of 10/12 cms and therefore requires the minimum of cutting.

B.S.H. are the main distributors for the Penn range of creeping belts which have performed well in the South of England. Penncross was sown on the greens of the Belfry at Sutton Coldfield some 12 years ago and the greens were in perfect condition for the recent Ryder Cup Tournament. Penncross was chosen for the greens at the St of a Golf & Country Club near Plymouth and more recently this creeping fescue was used at the Collingtree Park Golf Course at Northampton and at Hanbury Manor Hotel Golf & Country Club near Hertford. A major golf project at Mount Juliet in

Southern Ireland is currently under construction where Penncross is again being sown on the greens and a fine fescue mixture on the tees and fairways

While there is a very real need for new golf courses in the UK there is no doubt that the present high interest rates are worrying developers and several major golf projects have been put back for twelve months in the hope that the countries economic situation will improve.



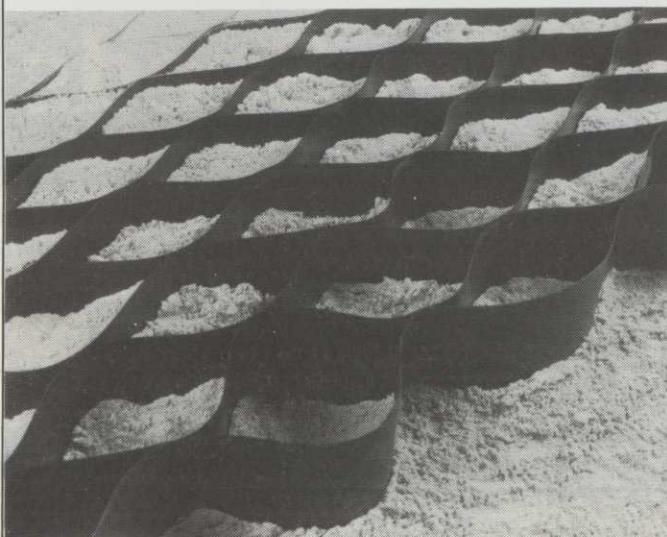
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