

SALTEX

97

REVISITED

The 1997 SALTEX Show will be remembered by those who attended as much for when it was and where it was as what was in it.

Beginning two days after the death of the Diana, Princess of Wales and in a town as Royal as Windsor the talk in the show was as much about the Princess and the circumstances surrounding her death as it was about cutting heights, nitrogen levels and take-over gossip.

Although a degree muted, and with many flags at half mast and the visit of the Sports Minister Tony Banks cancelled, the show could not be rated anything other than a success. It boasted a range of new products from many companies and weather which although less than perfect was a darn sight better than others of recent years.

NEW PRODUCTS

■ **Levington Horticulture** announced a special autumn promotion on the combined turf fungicide and casting worm control product Turfclear (containing carbendazim) at the show.

For a 20 litre purchase of Turfclear – either four x five litre or 25 x 800 ml packs – made by November 30 1997 Levington will supply a free Sony Walkman personal stereo.

The offer comes at a time when weather conditions have been highly conducive to both casting worms and turf diseases.

For further information Tel: 01473 830492

■ News that the **Course Cap** has satisfied all tests and subsequently been awarded the European Safety Standard prEN812 was greeted with applause at the Course Care office in Keighley.

The SATRA Safety testing centre in Kettering approved the Course Cap after more than sev-



eral weeks of rigorous testing. Penetration and impact tests on a large number of caps were preceded by exposure to ultra violet radiation, water and low temperature conditioning. All caps passed in time for the product launch at the Show.



The Course Cap will equip its wearers with baseball cap style head protection, that is both waterproof and breathable.

Based on an original idea by Richard Murray, Course Manager at Sandbach GC, who had identified the need for such a head protector Course Care took time to develop the idea.

As a tribute to Richard's inspiration the deluxe version of the hat – covered in Ventile – is named the Murray. The regular version, the Keeper, is cotton covered.

For further information Tel: 01535 611103.

■ **British Seed Houses** made a number of announcements at the Show including the launch of Aberelf perennial ryegrass, the first in a series of commercial developments resulting from a partnership between seed experts, British Seed Houses and the Institute of Grassland and Environmental Research (IGER). Also launched was a velvet bent called Avalan which trials have shown to have an exceptional shoot density and fineness of leaf and a new variety of UK perennial ryegrass allied to a Poa supina variety – Supra Sport and Supra Shade.

Among the other developments

revealed by David Hides, IGER's Head of Plant Breeding, was the control of chlorophyll ryegrasses with a non senescing gene which ensures that leaf colour is maintained under low nitrogen status, when disease symptoms are prevalent or in other plant stress conditions.

British Seed Houses began funding breeding programmes for non-agricultural markets at Aberystwyth-based IGER in 1987.

Originally established as the Welsh Plant Breeding Station in 1919, IGER already had a strong track record in research and plant breeding and offered an advanced UK-based breeding facility for amenity grass varieties. The first result of the British Seed Houses funded programme came to market within ten years. Completed in only ten years – compared to the usual 12 to 15 for a new variety – the development of Aberelf highlights the research, breeding and marketing

► expertise which the new partnership is bringing to the breeding of varieties for non agricultural markets.

"Our funding of breeding programmes at IGER harnesses our expertise in seed innovation and marketing to IGER's scientific resources. This will open up wider potential uses for new varieties," explained British Seed Houses Director Roger Saunders.

For further information Tel: 0117 982 3691

■ Indicator is the new spray pattern dye from **Amenity Technology**. It is available in either a liquid form or in water soluble packets for easy application. Indicator can be used in conjunction with all spray tank mixes to highlight the area to which the product has been applied, ensuring a correct application of pesticides and all other spray treatments. Indicator can be used on all turf areas, shrubberies and nurseries and unlike any other spray pattern dyes indicator leaves turf a natural green colour with no discoloration.

For further information Tel 0118 951 0033.

■ The Broadsword, **Hayter's** new high output ride-on rotary machine was unveiled for the first time at SALTEX.

The Broadsword has a maximum cutting width of 3 metres (118") with the flexibility of two hydraulically folding outer decks allowing the machine to be used with a single 1.5 metre (60") front mounted deck only.

For easy transport between sites, the Broadsword has been designed with an extremely narrow transport width of 1.5 metres. The powerful automatic 4WD closed loop hydrostatic transmission, with the additional benefit of a hydraulic differential lock, gives excellent stability on steep slopes.

The three fully floating cutting decks have a built-in hydraulic weight transfer system to assist traction and, for maximum utilisation, individually mounted hydraulic motors for each cutting blade. The two outer decks have a built-in "breakaway" system to protect them in the event of accidental contact with immovable objects.

As with all Hayter professional products, easy servicing and



■ **Amazone Ground Care** has entered the zero-turn ride-on sector with the introduction of the Profi Hopper.

A multi-operation machine, the Profi Hopper's flail mechanism allows it to efficiently mow and collect across a wide range of surfaces, from cutting fibrous plants to producing a professional finish on manicured lawns, and be as equally adept working as a scarifier; a one-pass mower/scarifier; a mulcher; or a leaf/litter collector.

Because the Profi Hopper does not rely on vacuum collection, its efficiency in all operations is not impaired by even the wettest conditions.

When operating as a mower/collector, the winged blades, rotating at 3,600rpm, lift and cut the grass – and/or, the material gathered from scarifying and surface trash and leaves – and throw it onto short cross augers running at the rear of the rotor. These move the material inwards to a central auger, which transfers it to the hopper.

Under conditions which require moisture conservation, the Profi Hopper is easily converted into a mulcher by simply moving two spring-loaded, over centre levers to disengage the collecting augers, to allow cut material to fall back to ground.

Operator comfort is provided for by the walk-through platform and a seat adjustable for leg length, rake and ride, which provides a 'bird's eye' view of the cutting head. Additionally, the Profi Hopper's auger collection system appreciably reduces dust – unlike vacuum collectors – and its quiet drive keeps noise levels well below EU requirements.

For further information Tel: 01579 351155.

accessibility are paramount. The Broadsword incorporates the now familiar Hayter hinged operator platform and engine/radiator cover allowing quick and easy access to all parts of the machine.

With its low centre of gravity, compact size and impressive traction system this high output rotary mower offers excellent versatility and performance in all grass cutting applications.

Hayter's professional range of

equipment was "christened" at SALTEX. In a "user friendly" move, the professional models received names to complement the existing combination of letters and numbers.

Taking the names from classic swords, new stylish decals have been created. In addition to the new Hayter Broadsword high output rotary mower, the lightweight triples are now known as Sabres, and the Gang Mowers become

Scimitars. The T44five cylinder mower takes the name of Crusader. Katana is now the fairway mower and the sturdy T224 is the Rapier.

This move has been welcomed and as Kim Macfie states: "We take a great pride in the products we make and the people who make them.

"Just as we wouldn't contemplate calling our staff by numbers we feel it appropriate to call our products by name too."

For further information Tel: 01279 723444.

■ **SISIS** proved itself to have been one of the busiest of all companies on the research and development side of the business with the launch of a host of new products: the Rolaspred, the Powacart, the Autocore, the Ferret, the Maxislit, the Tilth N' Seed, the 21-1D Tractor, the Ecospray and 5mm Needle Tines.

Among these the 21-1D tractor (pictured below) has been specially designed for turf maintenance operations on golf courses, sports grounds and sand filled synthetic surfaces. It is a 21 horsepower diesel powered machine with a patented weight transfer system, rear three point lift, articulated power steering and hydrostatic drive to the front wheels in forward and reverse. A range of Sisis implements can also be used with the 21-1D.



The Tilth N'Seed is an economical seeder for all outfield turf and fairways. A range of seeding rates can be used – from as low as 0.1 oz/sq yd – for maximum seed economy. The rakes create a good tilth followed by the seeding unit which has capacity hopper. The rear roller firms the surface to give an improved presentation after seeding.

The Ecospray has been designed to minimise "drift" and can therefore be used in adverse weather conditions. It can be towed or fully mounted behind the Sisis 321, trucksters or pick-ups.

Each of the floating units has a

mesh shroud which is scientifically designed to allow the correct amount of air flow to reduce drift to a minimum while maintaining droplet size.

The Needle Tines were developed from an idea by John Coleman, Course Manager at Abbeydale GC, near Sheffield. The advantage of the 5mm needle tines is that thousands of fine holes are made at a constant depth of up to 127 mm. These allow the roots to go down deep, yet surface disturbance is negligible.

For further information Tel: 01625 503030.



■ The new Hydro 124D, pictured above, is the first mower from the **Etesia** stable to combine rear-ejection, integrated collection and high-lift emptying – the New World Cutting and Collecting System. This is only a part of this exciting introduction from one of Europe's most innovative manufacturers. In designing the Hydrol24D's new system Etesia have drawn on the experience gained from their already successful Hydro 100 and extensive trials carried out over the last five years.

Emptying the grass collector is an important feature of modern mowers and here Etesia have used hydraulics and a parallelogram principle to easily lift their 600 litre capacity grass box to any height from ground level to a maximum of 1.9 metres. As part of the design the entire cutting system is cleared of clippings every time the box is emptied.

The driving position is forward of the engine and above the mower so in addition to all-round visibility, engine noise and exhaust fumes are well out of the way. All the controls are within easy reach.

Optional extras include: three point linkage; RTS lighting and safety cab.

For further information Tel: 01926 403319.

■ Aeration equipment specialist, **Multi-Core**, has added a 2m wide model to its range of tractor-mounted aerators.

Developed to enable greenkeepers, groundstaff and contractors to carry out fast, effective aeration of large, open turf areas the British-built MC20 aerator complements the existing 1m and 1.5m wide machines in the Multi-Core range. All three aerators can be equipped with a choice of solid, coring, slicing, or chisel tines to suit specific turf needs and seasonal aeration requirements. Aeration pattern is variable depending on the specific tine head and forward speed selected.

The MC 20 is able to aerate from the surface down to a maximum 125mm deep, quickly and easily adjusted without tools, on a large diameter full width front roller. Indicator markings on the machine assist with accurate depth setting.

For further information Tel: 01937 843281.

■ **Toro** introduced the Grounds Pro 2000, a ride-on triple mower which can also be fitted with an extensive range of attachments to carry out a variety of different jobs using only the one power unit.

It means that budget-conscious users working in the sports, amenities and landscape sectors, who previously compromised on grass-cutting quality because they found it uneconomical to invest in a mower for fine-finish turf, can now do just that as the Grounds Pro 2000 can turn its hand to a host of other work too.

The list of attachments currently available consists of a sprayer, fertiliser spreader, rotary broom, debris blower, snow blade and hydraulic tipping dump cart. An over seeder and white line marker are in the pipeline. Other attachments will follow later.

Toro worldwide marketing manager for commercial products, Barry Beckett, said: "Our aim was to develop an economically-priced utility product that optimises quality of grass cutting – hence the triplex reel units – and versatility, which is achieved through the use of an extensive range of attachments.

"This machine will provide a new set of customers with a Toro machine that has all the benefits

they are looking for in terms of quality and versatility at an affordable price."

The unit is available either with a three or four-wheel axle layout providing one or two rear-wheel steering. It is fitted with hydrostatic transmission and has a forward speed range from 0mph to 8.5mph, 0mph to 3mph in reverse.

In its standard guise, the Grounds Pro 2000 comes as a triple mower which can be fitted with either fixed head five-bladed reels or floating head five and eight-bladed reels.

To convert the mower for other operations, Toro engineers have designed their own special A-frame mounting system that allows for quick demount and plug-in of the various attachments. This includes the two front-mounted cutting units, while the rear cutting unit remains in position at all times. All the attachments are front mounted.

Toro has improved its popular Sand Pro range of bunker vehicles with the announcement at SALTEX '97 of the new three-wheel drive Sand Pro 3020. The model incorporates major improvements over its predecessor in the stable (the 3000 model), drawn from the top-of-the-range Sand Pro 5000.

The new model is also provided with a PTO capability, similar to the 5000, which was the industry's first bunker machine with this feature, so that operators will be able to use power-driven attachments when they become available in the future.

Toro's answer to the problem of achieving an even cut without scalping on undulating ground is the Contour 82 Deck, a rotary mowing unit.

"Our deck design lets the cutting chambers articulate significantly in two different planes," says Barry Beckett, Toro worldwide marketing manager for commercial products. "This allows the deck to mow areas with undulations that current belt driven rotary mowers simply can't handle.

"Now, an operator can mow with a rotary even in heavily-contoured areas such as around golf course bunkers and greens, not just roughs."

For further information: Tel 01202 295533.

■ **Bailey's of Norfolk** introduced a new range of dressings. Olympian Prescription Dressings have been developed to help greenkeepers plan an integrated maintenance strategy building around their topdressing programme.

An active granulated component is combined with a dressing during the manufacturing process so the control of fungal disease, thatch build up or nutrient deficiency can be incorporated into the top dressing schedule, thereby building a multi-functional dressing programme.

The range includes Olympian Sea-nymph, a seaweed enhanced dressing containing a balance of macro nutrients and a range of trace elements making it an effective treatment for suspected mineral deficiency. Olympian Thatch Eater is a dressing containing a living microbial component selected for its ability to breakdown thatch while simultaneously releasing locked up nutrients. Olympian Inhibitor provides protection against disease by stimulating the turf's natural defences to harmful fungus such as fusarium.

As a BIGGA Golden Key member, Bailey's is striving to set new standards within the turfsetting industry and an "open house" policy allowing greenkeepers the freedom to visit the production and laboratory facilities has helped in the development of the Olympian range.

For further information Tel: 01603 754607.

■ **Ransomes'** new ride-on AR 250 articulating rotary mower has five fully-floating cutter decks engineered to deliver an even, consistent finish across level and undulating terrain.

Designed for high output mowing of golf course rough and semi-rough, driving ranges and general sports and amenity grass, the AR 250's five steerable cutting decks give an overall mowing width of 2.5m (98in) and fold to 2.1m (84in) for transport.

Each deck features Ransomes' twin blade Envirodeck cutting system. The lower blade cuts the grass which is then immediately mulched by the upper blade and blown down into the sward.

Saltex '97 also marked the first public appearance of the all-new range of Ransomes' tractors. ➔



Styled and finished in Ransomes' corporate livery, the line-up encompasses six compact tractor models with power outputs from 18hp to 45hp and a 16hp commercial mower with 48in (1.22m) mid-mounted rotary deck.

All of the compact tractors are equipped with four-wheel drive and power steering and come with either hydrostatic or mechanical transmission, depending on the model specified. The two largest tractors in the range have, as standard, shuttle and creep speed transmission systems, the latter being required for the operation of specialist aeration and drainage equipment.

Being featured at Saltex on the top-of-the-range 45hp CI445 tractor is the first of Ransomes' new ROPS 'Q' cabs which will be available as a standard fitting both on

this model and on the 38hp CI435 tractor. The remaining four Ransomes' tractor models have a folding ROPS frame as standard. Ransomes plan to offer cabs for all its tractors, including the CG161 commercial mower.

Designed to complement Ransomes' range of grass and turf care machinery, the new tractors will be embarking on an extensive demonstration programme after the show, responding to requests from greenkeepers, groundstaff, contractors and other grounds maintenance professionals made direct to Ransomes and through the company's nationwide dealer network.

Also launched was a commercial-duty zero turn radius rotary mower with brush grass collection system. Known as the ZT323, the 1.2m (4ft) mower is the first of its type to be developed and

manufactured at Ransomes' Ipswich headquarters. The all-new machine incorporates a number of features with close attention being directed at operator comfort, tractive ability, grass capacity and noise levels.

The ZT323 has a four-wheeled rigid chassis with the driving wheels at the rear. This layout provides positive traction and good climbing ability under all turf conditions. The use of hydraulic drive to the rear wheels also produces excellent underbelly clearance while eliminating the expensive mechanical drive systems used on a number of other zero turn radius rotary mowers.

For further information Tel: 01473 270000.

Miracle Professional launched two 'Longlife' turf fertilisers with modified formulations to replace the existing

products on the range.

'Longlife' Cleanrun 2 is a mini-granular weed and feed fertiliser for use on outfields and fairways. The 9 7 7 analysis is complemented by a triple herbicide mixture of dicamba, dichlorprop and MCPA. The application rate is 50g per sq.m and the product has a recommended user price of £9-90 per 25kg bag.

'Longlife' Renovator is a mini-granular, triple action fertiliser for use in amenity turf situations with an 8 3 3 analysis. It also contains the herbicides dicamba, dichlorprop and MCPA and 6% Iron for the control of moss. The application rate is 50g per sq.m with a recommended user price of £16-99 per 25kg bag.

For free leaflets on these products call the Miracle Professional Technical Advice Centre on (0870) 603 9146.



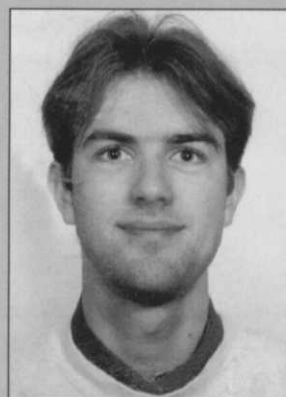
The Ransomes 45hp CT445, top and the Ransomes ZT323

ASSISTANT GREENKEEPER

Profile

Usually the spotlight falls on the Course Manager or Head Greenkeeper at a Club. Now it is the turn of those whose work often goes unheralded to star...

Name: **David Gillon**
Age: **19**
Club: **Tulliallan GC**
Position: **Assistant**



1. How long have you been a greenkeeper?

Three and a half years.

2. What education are you currently undertaking?

None at present but qualified to SVQ I, II and III.

3. Which one task do you most enjoy doing?

Cutting greens using a pedestrian mower.

4. Which one task do you most dislike doing?

Cleaning and lifting grass clipping piles in winter.

5. What job other than greenkeeping might you have ended up doing?

Sports Coaching

6. Who has been the biggest influence on your career?

My Head Greenkeeper, Elliott Small.

7. What would you do to improve the life of a greenkeeper?

All committee members should attend AGM and work a week on the golf course.

8. What are your hobbies?

Football, golf and music

9. What do you get out of BIGGA?

Magazine and outings.

10. What do you hope to be doing in 10 years time?

Golf Course Manager or golf course architect.



■ The DR Powerwagon, pictured, is a revolutionary walk-behind powered wheelbarrow from Charterhouse designed specifically for moving heavy, bulky loads with a minimum of strain and effort. The weight of the load is balanced over big, power-driven wheels for maximum traction and manoeuvrability. The operator steers and controls ground speed using a brake and clutch from the rear-mounted handlebars. It is especially suited for use on slop-

ing, rough terrain, and soft ground where it is difficult to move heavy loads with unpowered wheelbarrows, wagons or carts, and in areas where the use of ride-on equipment, including a pick-up truck would be difficult or impossible.

Able to haul-up to 800 pounds the Powerwagon features a multi-speed transaxle, power-reverse and a dump bed.

Four models are available including manual and electric-starting wagons including all terrain tyres, and moulded polyethylene or a wooden stake-side bed.

Charterhouse also announced that they had been appointed distributor for Desert Extrusion products throughout the UK as well as distributor to Redbreast Industrial Equipment for the Fuji Robin Dagger soil ameliorator.

For further contact: Tel: 01428 661222 or Fax: 01428 661218.

■ The Warren Golf Club, Woodham Walter, Essex is this year's



winner of the annual Blazon 'Spray Watch' campaign, receiving the first prize of a brand new Hardi AMK 400 Tractor Mounted Sprayer equipped with state of the art, electric 'operate-from-the-cab' controls

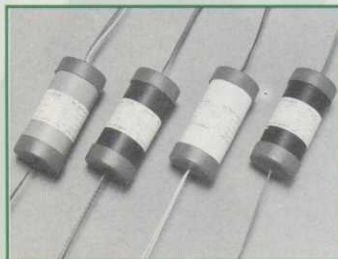
The presentation to the winning club's Head Greenkeeper Peter Hurrell, was made on the Farmura stand by BIGGA Executive Director, Neil Thomas, pictured above.

Also in attendance at the short ceremony were Club owners John

and Mark Durham, together with the entire greenkeeping team from the Warren who were brought to the exhibition in a coach especially hired for the occasion.

Ten runner-up prizes of a Cooper Pegler Series 2000 knapsack sprayer were won by the following clubs: Royal Troon, Bridlington, Sherwood Forest, Naunton Downs, Stoke Poges, Durham Park, Walton Heath, Bristol & Clifton, Royal St. Georges', John O'Gaunt.

ALTERNATIVE DECODERS BY



Tonick Watering

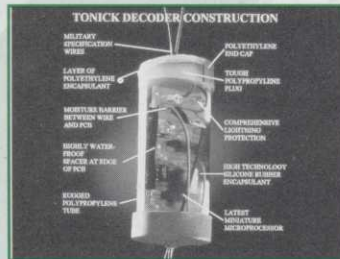
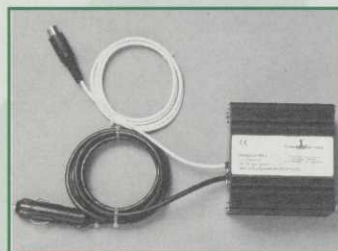
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