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Rolawn's ryegrass free, Olympic Turf will be available from late Spring '98 onwards.

The volume of customer requests for the turf encouraged Rolawn to bring it back into production after an absence of five years.

Olympic turf, suitable for areas where a ryegrass mix is not desirable but a top class appearance and hard wearing turf is needed for tees.

The new Olympic mixture has been sown from Chewings Fescue (Bargreen), Slender Creeping Red Fescue (Barcrown), Smooth Meadow grass (Limousine), Brown top Bent (Herriott).

"We are delighted to be able to give our customers the choice once again, between having the ryegrass free Olympic turf or our hard wearing Medallion turf for areas requiring a general purpose hard wearing turf," said Terry Ryan, Rolawn's Sales & Marketing Director.

non polluting mower - it's the mower for the 21st Century," said Terry Herlihy, Jacobsen Product Manager. "The Greens King Electric is a product that's good for the operator, good for the golf course and good for the environment."

Aware of the increasing regulations on noise and air pollution in Europe and around the world, the Greens King Electric is powered by a 48-volt battery system. Unlike an internal combustion engine, the unit's electric battery system releases no harmful emissions.

In addition the absence of hydraulic components makes it impossible to have any hydraulic fluid leakage's, which can burn turf grass and harm soil.

Without a combustion engine, the Greens King Electric is virtually silent, perfect for any course with residential properties on it. Greenkeepers can be assured no neighbours will be disturbed by early morning mowing.

Created for golf course use world-wide, the new Greens One of a number of convenience features on the Greens King electric is the continuous information panel, which indicates battery charge levels and mower functions.

The new Jacobsen LF135 Turbo boasts the exceptional quality of cut and all the features that have made the LF-

128 the world's most popular fairway mower - plus extra power for the toughest wet or hilly conditions.

The Jacobsen LF135 Turbo features a 35-horsepower, fuel efficient, turbo-charged Kubota diesel engine.



A new generation of versatile John Deere compact tractors was launched at BTME '98, with the introduction of the 20hp 4100 Gear model.

This is a direct replacement for the less powerful 18.5hp model 670, and features a new Yanmar 'clean & silent' three-cylinder diesel engine with lower exhaust and emission levels, very narrow overall width for true compact performance, and a high standard specification.

This includes shift-on-the-move engagement of mechanical front wheel drive and an eight forward, four reverse speed transmission plus diff lock and hydrostatic power steering.

Further big tractor features include long life oil cooled disc brakes plus shiftable mid and rear mounted ptos, which can be operated either separately or together to allow versatile, multi-implement operation. There is also a new 410 front mounted loader with joystick control for materials handling and heavy lifting jobs.

An industry first, John Deere's new fairway conditioner was featured on the company's stand at BTME '98.

Recently launched as an optional attachment for the established John Deere 3215A and 3235A fairway mowers, it incorporates a contra-rotating grass tender conditioner, which is gear-driven rather than using the more conventional belt drive.

This enables the attachment to provide a better, cleaner finish by



grooming, recutting and dispersing grass clippings more evenly, particularly in wet conditions, without leaving unsightly clumps of grass on the fairway.

In operation, the grass clippings are effectively thrown back into the cylinder at least three times, giving an extremely fine cut, before being dispersed across the surface of the turf. A gear driven brush keeps the rear roller clean, and helps produce a more consistent height of cut.

"This is an ideal attachment for greenkeepers who need to cut a lot of grass early in the morning when there's dew on the ground and conditions are generally damp," says Graham Williams, Commercial & Consumer Equipment Division Manager.

"The gear-driven brush is more suited than a conventional belt drive to the faster speeds used on fairways."

Toro gave its 'new generation triplex mower' a public world debut at BTME with UK greenkeepers the first to see a prototype with its wraps off.

Chief among the golf mower's innovative features is that its three cutting units can be moved hydraulically to the left and right to increase overhang up to 22in,



Jacobsen Textron's newest product offering, the Greens King Electric greens mower, (above) is the company's response to environmental concerns and customer demand.

"Jacobsen is one of only two companies offering a totally electric,





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which offers great benefits when cutting around bunkers, as well as obstacles such as trees or under overhanging branches.

"By increasing the length of overhang, operators can keep the wheels further away from the bunker to prevent edges collapsing," said Toro Commercial Product Worldwide Marketing Manager Barry Beckett.

The new mower features Toro's patented three-wheel-drive system and, coupled with the machine's low centre of gravity, this gives it a remarkable hill-climbing capability. A 24hp diesel engine provides ample power to tackle the most testing terrain.

The new Greensmaster 3050 is Toro's lightest ride-on greensmower, to further ease greenkeepers' concerns about greens compaction and related problems. Weighing 165 pounds less than its predecessor, the Greensmaster 3000, and 80 pounds less than the 3100, the new mower also has an economy model price which makes it a more affordable option for budget-conscious golf courses.

The Greensmaster 3050 adopts many of the same, proven features of the Greensmaster 3100, the most successful ride on greensmower sold by Toro, such as the identical hydraulic system and 16hp Vanguard petrol engine.

Ransomes' new AR 250 articulating rotary mower boasts five fully-floating cutter decks, all of which glide smoothly over uneven surfaces, providing a cut of unruffled consistency and with precious little missed, whatever the terrain.

Though designed specifically for high output mowing of rough and semi rough grass on golf courses, along with sports grounds and general amenity turf areas, the AR 250 is certainly no cumbersome heavyweight. It zips along in transport mode at up to 23km/hr (14mph), is shod with wide, turf friendly tyres and is powered by an economical but powerful 28.3kW (38hp) water-cooled diesel engine. Each deck features Ransomes' twin blade 'Envirodeck' cutting technology, which mulches the grass it cuts before blasting it downward into the sward.

As part of Ransomes' continuous development programme, a new and comprehensive selection of cabs for its range of tractors is receiving final finishing touches before being shown for the first time at BTME.

Covering Ransomes' entire tractor range—from the 16hp garden tractor through to the all-conquering CT445—the cabs will offer convenience and comfort of an



exceptionally high standard.

Cabs for the CT325 to the CT445 incorporate roof-mounted heating and ventilation systems; complete with filtered air and comprehensive sound insulation. Laminated safety glass provides clear, uncluttered vision and, of course, the cabs are all ROPS certified.

Ransomes Cushman utility range boasts a complete stable of thoroughbreds, each vehicle performing and delivering exactly what is expected of it. The new, improved Cushman Hawk is an ideal choice for transporting people and loads.

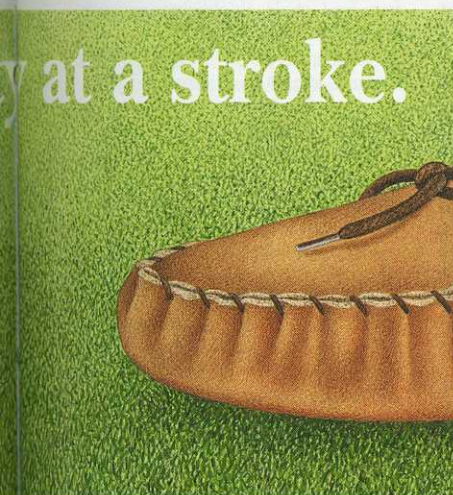
Tonick Watering has increased the warranty on all its Decoders to 5 years; this includes damage by lightning. The range includes guaranteed compatible replacements for Watermation, Toro, CIC, Wraithrain, Primetime, Robydom and ISS Aquaflo.

New for 1998 is a versatile controller family.

First in the range is the unique, Tonick Translator enabling existing controllers to switch most types of decoder (for example, a Watermation TW2 controller can switch Toro decoders).

Sovereign Turf can provide turf in 'Jumbo' rolls, 2' 6" wide by up to 90' in length (20m²). With a good root structure to provide speedy establishment, Jumbo Rolls are often preferred, as turf can be laid quickly and economically with fewer joins and gaps to fill.

For tees, tee extensions, around bunkers, reconstruction or pay and play courses, larger rolls can considerably reducing laying time. In addition whether a minimum order (850m²) is placed or a larger quantity of turf is required, Sovereign offers the benefit of a free Jumbo laying trolley.



These three mixtures have been specifically designed for the golf course – from tee, to fairway to green.

MM10 is a mix of fescues and bents, with the slender creeping red fescue 'Mocassin', giving a dense, close knit, resilient turf for close mowing on greens and tees.

MM12's adaptable blend of species - also including 'Mocassin' - gives good colour and texture on tees and fairways, withstanding wear and giving excellent divot recovery.

And MM11, a traditional 80-20 greens mixture, fine in appearance and playing quality, offers a very stable sward with all-year-round performance.

For free technical advice on how you can take the lead with MM mixtures, or for your nearest distributor, call the **Mommersteeg Main Line on 01480 459500.**

Mommersteeg  **Number one seed.**

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