

PRODUCT FOCUS

AQUACELL

PAUL and Harry Wright from the South of England, both very keen amateur golfers with Paul being an ex head greenkeeper, have designed and developed a new irrigation system for repairing and preventing one of the Greenkeeper's biggest problems namely dry compacted areas on greens.

Greens are not flat and it is on the slopes and undulations where most dry areas occur. Most of the water placed on these areas runs away without sufficient being absorbed to ensure healthy growth. Watering for prolonged periods to try and alleviate this problem results in overwatering of lower areas.

Paul and Harry approached this problem by trying to develop some way of holding water on the dry areas long enough to be absorbed into the ground and also prevent over watering of the lower areas. With this in mind, they developed a cellular system of irrigation using cells which clip together to form approximately one square metre of mat which can then be layed on the problem areas.

The bottom of each cell has a number of small holes which allows a small but continuous flow of water on to the ground and the base of the cell walls hold the water in place until absorbed into the ground.

The cells are made of a translucent material which when left in place, for example after seeding, allows sunlight and air to pass through, thus having a greenhouse effect and therefore stimulating early germination and establishment.

Regular use of the Aquacell system has several cost effective features. It permits controlled watering on selected areas only which cuts down on water consumption overall and can also be used very early and very late in the season when total watering of greens is not advisable.

It is very easy to use and non labour intensive. Aquacell will also allow more efficient use of wetting agents where required as wetting agent can be introduced at the same time as watering.

Some prototype cells were left with Jack McMillan for evaluation while he was Head Greenkeeper at Sunningdale Golf Club prior to taking up his new career as consultant.



The lightweight Nomix Compact – each chemical cartridge contains enough herbicide to spray for 3 miles.

NEW SPRAY SYSTEM AT LANDSCAPE INDUSTRIES EVENT

BRISTOL based Nomix Manufacturing has launched a new spray lance that will make weed control a much safer and easier operation.

Consisting of a lightweight, very accurate system that gives total control over spray droplet sizing, the Nomix Compact overcomes all the problems associated with traditional knapsack spraying.

The key design feature is a ready-to-use 750ml chemical cartridge that simply snaps into the end of the lance, removing the need for a backpack and clumsy connecting hoses.

Inside the robust, leak-free, re-sealable cartridge is a mem-

brane which collapses as the chemical is used up.

Nomix has pioneered the development of a Total Droplet Control system which uses a specially designed spinning disc to meter out herbicides properly formulated in oils, polymers and surfactants thus ensuring that the product stays on the weed target with no drift.

"The Compact is a simple extension of the Nomix TDC system making low-cost spraying even easier," says company chairman, David Gill. "It will help operators halve the time normally taken to spray areas using traditional knapsacks."

211

QUANTUM GREEN THE ULTIMATE IN TURF NUTRITION

GREENKEEPERS and groundsman are over the moon with Maxwell Hart's Quantum Green.

Following the successful launch of Quantum Green, containing slow release Didin in the spring of 1990, exceptional results have been found by its users on all fine turf areas.

Quantum Green was developed to meet the needs

of today's turf, giving a balance nutrient ratio and an organic base to reduce the risk of scorch, and to compound a true fertiliser containing Didin.

Didin slows down the Nitrification process by inhibiting the growth of Nitrosomonas Bacteria.

By the incorporation of Didin in Quantum Green, the life of Nitrogen in Ammonium form is prolonged.

15

RISKS ELIMINATED IN A GUARDIAN STORE

SAFE and secure storage of hazardous substances in a Guardian store from Portastor High Security Products eliminates risks in three ways.

Guardian buildings and vaults safeguard toxic, flammable and corrosive substances at the workplace, protect people from possible harm and protect businesses against possible prosecution under the latest COSHH (Control of Substances Hazardous to Health) regulations.

Hazardous substances are ubiquitous and perception of their potential dangers is mounting. Even short term workplace storage of small quantities of everyday hazardous materials – paint, solvents, chemical additives, drugs and weed killers are just a few of many typical examples – can represent a risk to health and the environment and is now a potential source of substantial legal and financial penalties.

The rigorous new COSHH regulations are comprehensive regarding use of hazardous substances at work, including their secure storage, and are now in force. Prosecutions for COSHH infringements will soon be starting so speed is essential for the many smaller and non-specialist organisations who have not yet safeguarded their hazardous materials.

Guardians hazardous materials stores will almost certainly provide the cost effective answer to the problem.

Well proven, all steel Guardian stores have been specially developed to meet all relevant Health and Safety regulations for secure storage and are widely specified throughout the industry and the public sector. They are available in a wide range of sizes from the chest freezer-sized Chemvault unit to walk-in buildings capable of containing large quantities of materials.

Specifications depend on the nature of the substances to be stored. Options include high and low level wall vents, full 60 minute fire resistance, meshed floors with liquid spillage trays below and flameproof lighting, among the most frequently specified.

Guardian buildings and vaults protect the environment from hazardous substances.

249

146