

# The Vegetation Manager

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## Note from the CEO

Welcome to the July edition of The Vegetation Manager

We are very proud to be partnering with the Queensland Department of Main Roads in delivering vegetation management throughout the Gold Coast hinterland. This road network provides an essential transport link while also passing through a range of ecosystems more biodiverse than Kakadu. Our Main Roads team is doing a terrific job and in this month's edition, we highlight the challenges and successes of the first year of this contract.

We are very excited about next month's visit by Dr Fred Yelverton from North Carolina State University in the USA. Fred is collaborating with us on the Integrated Vegetation Management Project and will be presenting at a number of forums in Sydney, Brisbane and the Gold Coast in August. See Upcoming Events for more information.

While we brace ourselves against the chill of the recent Winter rains, remember that Spring is just around the corner. I look forward to catching up again with you next month.

Kind regards,  
Nick Bloor.

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## It's that time of the year.

### Dimension EW



### Pre-emergent programs keep weeds at bay.

Dimension EW applications can assist you to achieve extended residual control on your sports fields and other turfed areas. July is the best time to start your pre-emergent program! For more information, read our Dimension fact sheet on page 4 or call our Turf Services Manager, Dan Norton, on 0403 047 701.

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## Upcoming Events.

- > **10th Queensland Weed Symposium**  
Managing weeds in a climate of change.  
26th – 30th July at Capricorn Resort, Yeppoon QLD
- > **Focus Group Meeting with Dr Fred Yelverton for Technigro Customers**  
19th August at Radisson Resort, Gold Coast
- > **Vegetation Managers Forum with Dr Fred Yelverton**  
20th August at Suncorp Stadium, Brisbane
- > **Vegetation Managers Forum with Dr Fred Yelverton**  
25th August in Sydney

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## Innovation updates.

### Main Roads Contract



### First year wrap up of Dept. Main Roads Contract.

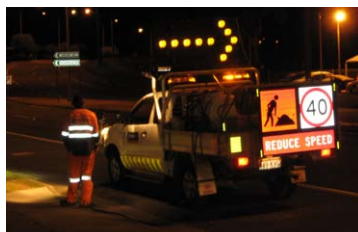
In 2008, Technigro was awarded a Road Maintenance Performance Contract (RMPC) with the Department of Main Roads (DMR) to provide all vegetation management requirements for the network of roads on the western side of the M1 in the South Coast Hinterland District.

Maintaining this particular road network involved a combination of vegetation management practices including clearing, mowing, herbicide application, declared weed management and other specialist activities such as the management of roadside trees and roadside litter collection.

A variety of major grass species populated the roadside environment which made managing the mown environment a particular challenge, given the propensity of many of the species present to quickly breach intervention heights and prematurely trigger a costly off-schedule mowing event. For this reason, a wide range of strategies have been implemented specifically to manage the taller growing species responsible for this problem.

Through implementation of this integrated approach to vegetation management, Technigro has been able to achieve significant efficiency and productivity gains that in turn have delivered many benefits to the customer, including improved quality, safety and environmental benefits, all of which have contributed to a 25% reduction in the net cost associated with the mown vegetation management.

The lessons learned from a season on this contract, along with innovations borne from our partnership on the leading edge IVMP Research Project, will now be made available to other customers to assist them in the coming growing seasons. Our ultimate aim is to lower the net cost of vegetation management and in the process, help our customers to stretch each maintenance dollar even further. For more on integrated vegetation management strategies for mown vegetation please go to our website.



The Technigro team has improved safety and quality as well as delivering environmental benefits and on top of this a 25% reduction in net cost.

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## In the news.

### IVMP



### Fred Yelverton visits Australia.

Technigro is excited to announce a visit by Dr. Fred Yelverton, a world renowned turfgrass weed expert and lecturer from North Carolina State University in the United States, for August.

Dr Yelverton began his teaching career with North Carolina State University in 1986. For the past 10 years, he has held the position as Associate Professor & Extension Specialist (Turfgrass & Forage Weed Management).

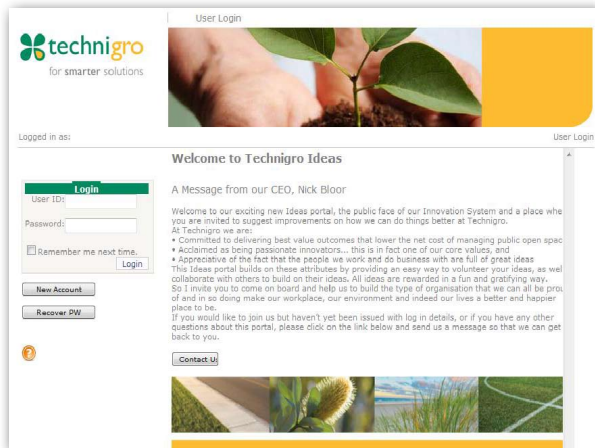
Dr Yelverton has acted as the principal researcher on a number of projects in the United States exploring seed head suppression, new herbicides (such as the sulfonyleureas), Vegetation Management Under Guardrails and Low Maintenance Turfgrass

and Management Systems. Dr Yelverton also sits on the project team for the Integrated Vegetation Management Project in Australia, in which Technigro is the lead partner.

Dr Yelverton will provide IVMP with an invaluable link with the US, where significant trial data information is available. This trial data will be reviewed and where potential is identified for Australia, the trial work will be replicated as part of this project.

To capitalise on Dr Yelverton's knowledge, Technigro will be running two Vegetation Manager Forums in both Brisbane and Sydney, and a Focus Group Meeting on the Gold Coast in August. For more information, go to [www.ivmp.com.au](http://www.ivmp.com.au)

## In the news.



## New Ideas Portal for Technigro

Technigro is excited to announce the impending launch of our new Ideas Portal. This portal will become the public face of our Innovation System and a place where you are invited to suggest improvements on how we can do things better at Technigro.

### At Technigro we are:

- > Committed to delivering best value outcomes that lower the net cost of managing public open spaces,
- > Acclaimed as being passionate innovators... this is in fact one of our core values, and
- > Appreciative of the fact that the people we work and do business with are full of great ideas

This Ideas Portal builds on these attributes by providing an easy way to volunteer your ideas, as well as collaborate with others to build on their ideas. All ideas are rewarded in a fun and gratifying way.

We invited you to come on board and help us to build the type of organisation that we can all be proud of and in so doing, make our workplace, our environment and indeed our lives a better and happier place to be.

If you would like to join us but haven't yet been issued with log in details, or if you have any other questions about this portal, please email us at [feedback@technigro.com.au](mailto:feedback@technigro.com.au) so that we can get back to you.

## Fast Facts.

- > The 72m high Ada Tree has 15.4m girth and a root system that takes up more than 4050m<sup>2</sup>.
- > One tree can absorb as much carbon in a year as a car produces while driving 41, 000 kms.
- > A single tree produces approximately 188 kilos of oxygen per year. That means two mature trees can supply enough oxygen annually to support a family of four!

# PRE-EMERGENT WEED CONTROL



Many common weed species will outperform turf grass in unfavourable conditions, resulting in major infestations during long periods of heavy usage. Dimension EW has proved itself as a premium product for broad-spectrum pre-emergent weed control due to the range of weeds controlled, the length of control, and the flexibility of application. For this reason, Technigro recommends the use of Dimension EW for extended residual control on sports fields and high profile turf areas.

## Benefits of Dimension EW

- > Broad spectrum, season long control of the toughest grass weeds
- > Low mobility in soil making it ideal in a number of turf situations
- > Non staining, solvent free formula that is gentle on turf
- > Will not damage or inhibit turf recovery of desired species
- > Water based formula which reduces odour and improves tank mix flexibility

Dimension EW forms the backbone of a strategic weed management program, due in part for its ability to work in synergy with many post emergent products and that it binds readily to the soil to form an effective barrier against the germination of the most troublesome grass weed species.

Dimension EW provides effective post emergent control for a wide range of turf weeds, including Crowsfoot, Wintergrass and Paspalum. The product also offers early post emergent control of Summergrass after germination, lengthening the period of residual control.

Dimension EW is a UV stable product. As a result, it does not need to be watered in immediately. However, the product needs to contact the soil surface to form the pre-emergent barrier and start working.

## Application

Dimension EW has a recommended maximum application of 4L of product per annum. With this in mind, Technigro offers a tailored program that includes the use of Pendimethalin coated fertiliser to provide a full twelve months of pre-emergent protection.

### Your Provider of Vegetation Management Solutions

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Brisbane: Unit 3, 128 South Pine Road, Brendale, QLD. 4550 PO Box 2038, Burleigh BC, QLD.4220

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