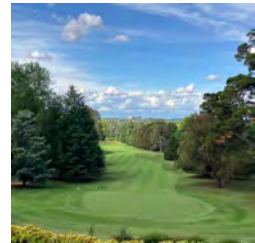




Gilba Solutions are Sydney based independent sports turf consultants and turf agronomists.

We operate throughout Australia and offer a solutions driven approach to all turfgrass related agronomic issues.



Gilba Solutions are truly independent

With over 30 years of experience in product development and advisory roles in Australia and Europe, Gilba Solutions feels they offer a unique service to the Australian turf industry.

We take a practical approach to customer problems and develop tailored solutions to meet their needs.

With our extensive supplier relationships, we can tailor their offering to exactly meet the needs of their clients without breaking the bank.



Vertmax Duo™

Vertmax Duo™ is the most advanced turf pigment on the market. It offers an instant long lasting natural green colour plus contains an innovative plant elicitor.

Manufacture of this was recently licenced to Prograss Bio to market and distribute into the UK and Europe.

- An instant natural green colour.
- Increases the ability of the turf plant to handle and biotic factors like disease.
- Increases root volume and lateral root growth.
- Protect the turf plant against UV radiation.
- Contains a surfactant ensuring even spreading.
- Highly tank compatible.
- Non staining.

SeeGrow-Grass™

In 2023 SeeGrow and TLS merged their grow lighting technologies. This now means more choice of Turf grow lights with sizes now ranging from 5-400m2. These can also be either with a carbon dioxide canopy or without.

A patented Grass growing system using a patented LED light & CO2 atmosphere Proven 10mm /24 hours leaf growth & a 28% increase of dry root weight over existing light rigs

- Savings of 60 to 80% in electricity use.
- 5 times more efficient than HPS lamps
- Uses technology which is specific to grass.
- 80 to 90% reduction in carbon footprint Grow 10mm healthy grass per 24 hours and strengthen roots for extra durable results.

SeeGrow-Grass™ are a highly innovative company focusing on improving sportsturf performance and growth. They also offer:

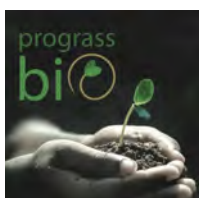
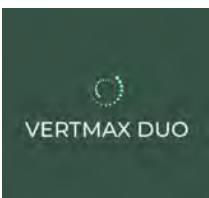
- Enka Protect pitch protection solutions
- Turf fans designed specifically for golf courses and sportsgrounds.
- water pH management solutions.
- Ozone injection for non chemical pest control

Omne Turf™

Our range of **Omne™** sensors consisting of clima, aqua, aqua atom and terra is designed for the turf industry offering rugged realtime **relevant** data allowing Turf Managers to be better in relation to irrigation or even disease, pest or weed predictive modelling.

There are upwards of 200 different sensor configurations available with this number being added to all the time.

- No cabling
- GSM or wifi options available.
- Wifi has a range of up to 70km.
- Solar powered
- User-friendly proprietary software.
- Small size 400 g weight.
- 3-year hardware warranty
- Options available to monitor soil, climate or water quality.



Gilba Solutions offer a unique solutions driven approach to their current and future clients with state of the art, simple to use technology.

Technology constantly evolves, and Gilba Solutions has aligned itself with some of the turf industry's most innovative companies. All these companies operate with one philosophy: To help you produce the best quality turf surface in the most environmentally practical manner possible.

Unlike many companies, we have a genuine passion for our work, and why we are constantly looking for solutions rather than simply supplying products.



Gilba Solutions believes in making your life easier

Plant Protection Chemicals

Just because its made in Australia should not mean a reduction in quality. In fact many innovative companies exist in the Australian turf pesticide industry. They are familiar with our conditions and so are able to better offer tailored solutions. **Indigo Specialty** are a prime example of this. Plant Protection options available include:

- Insecticides
- Herbicides
- Fungicides
- Pigments
- PGRs
- Adjuvants
- Aquatic weed and algae control
- Integrated Vegetation Management

Being more environmentally responsible and using less pesticide whilst maintaining quality surfaces should be the aim of all turf managers. The introduction of **Vertmax Duo** and **SAR-G** both with **QDT™** technology addresses this.

Intelligent Play™

An innovative technology for field management using artificial intelligence and machine learning. This technology makes fields play better, play longer and play safer.

It is the only technology on the market using artificial intelligence and machine learning to remove the risk of human error for monitoring and managing the status of your sports field.

- Accurate realtime data from your sports field will help you manage and improve surface performance.
- A well maintained quality field surface plays better and ensures consistent player safety.
- Compact sensor design ensures the units can be discreetly installed without affecting the aesthetic of your fields.

Turf Seed

Advances in plant genetics have lead to rapid improvements in plant breeding. In the most recently completed independent NTEP trials completed in 2021 Intense PRG (**Landmark Seeds**) was one of the top performing perennial ryegrass cultivars.

This has been bred with specific traits such as disease resistance, high wear tolerance and dark green colour. Intense is listed in the The Alliance for Low Input Sustainable Turf.

- **Reserve™ NZ fine leaved** perennial ryegrass with high winter activity
- **Slugger 3GL™ US fine leaved** perennial ryegrass
- **Intense PRG** perennial ryegrass

Research and Product Development

We constantly trial, develop and improve products to ensure they give the best possible results.



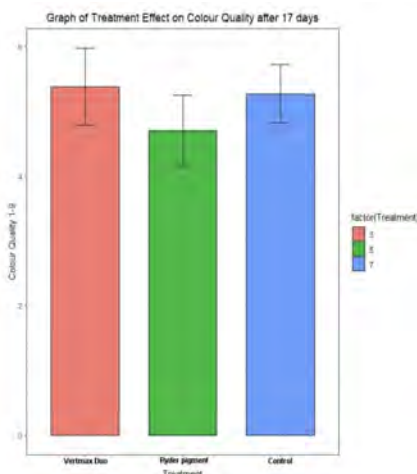


VERTMAX™ DUO with QDT™. Since its introduction in 2021, Vertmax Duo has become Australia's No 1 turf pigment. The reason for this is simple. It is the most researched and trialled turf pigment on the market and has consistently outperformed everything else on the market. The end result is a unique formulation offering a whole host of benefits to the professional turf manager.

- An instant natural, long lasting green colour response.
- As it contains a unique elicitor, an increase in the ability of turf to handle abiotic stress such as heat, and biotic factors like disease.
- An increase in root volume and lateral root growth.
- It protects the turf plant against UV radiation.
- It contains an APG surfactant which allows even application and spreading over the leaf surface.
- It has a high degree of tank compatibility and this, coupled with the surfactant package means better results from pesticide applications.
- It contains a high quality sticker which means once it dries it doesn't stain clothing.

Longer lasting

In a field trial at a Group 1 golf course in Sydney Vertmax Duo gave a longer lasting colour response than Ryder pigment on creeping bentgrass greens.



Non staining

Trial work both in Australia and the UK has shown that once it dries, Vertmax Duo does not go back into solution. That's why it's the product of choice on golf courses and sporting venues.



Better germination

Extensive field and lab trials have shown better germination and seedling growth. In germination trials **Vertmax Duo™ with QDT™ (Quick Dry Technology)** gives faster germination and seedling growth of perennial ryegrass.

Better Turf Quality

In field trials carried out on a mixed *Agrostis/Poa annua* green both **Vertmax™ Duo with QDT™** and **Vertmax™ plus Grenadier™** (fosetyl aluminium) outperformed the current pigment based market leaders.

The combination of high pigment loading, and **QDT** (Rapid Dry Technology) gives superior results to anything else currently on the market.



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The Market Leaders in Non-Chemical Turf Management

Being innovators we like to keep at the forefront of technical advances that can help our customers. This is even more the case if it involves getting great results with less chemical use.

The first company in Australia to introduce LED turf grow lights.

In 2020 Comm Bank Stadium was the first Venue in Australia to introduce LED grow Lights. The SeeGrow System gives up to 10mm root and top growth in 24 hours and with a patented CO2 canopy they get great results no matter what time of year.

Introducing Ozone Technology.

Our latest innovation utilizes ozone technology to address soil, leaf and hard surface pathogens. Unlike some products this system generates ozone in situ, has extensive trial data supporting its claims and can be tractor or Utility Vehicle mounted.

The possibilities of this are endless:

- Treat playgrounds and other hard surfaces for pathogens such as
- Clean synthetic sports surfaces and prevent algae formation.
- Take an environmental approach to turf grass management of both soil and leaf pathogens including turf nematodes

So now there exists an option to move away from 'hard chemistry', and adopt an environmentally friendly approach.

No residues or containers to dispose of and after treatment it breaks down to oxygen, with one application lasting up to 6 months.



A-List Accredited Grass is the Future.

The A-List is the Alliance for Low Input Sustainable Turf. This is a non-profit organization that evaluates and promotes high turf quality while benefiting the environment through turfgrass varieties that require less water, fertilizer, chemicals, and pesticides.

The image here is from Sydney university after seeding with Intense PRG ryegrass. This is the first ground in Australia to get A-List accreditation.



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