

intec

advanced

LIQUID FERTILISERS



intec range of liquid fertilisers is a comprehensive and flexible management solution for even the most challenging growing situation.





intec Colourphyll Nitrogen Technology

The efficient use of nitrogen is a key issue in turf management. Even before the fertiliser hits the ground, challenges such as minimising nutrient loss and environmental management must be considered. When urea is applied, it starts undergoing a hydrolysis involving moisture and urease enzymes, causing it to break down into ammonia and carbon dioxide. Both these gases will escape to the atmosphere in a process known as **volatilisation**, which can account for up to 30% of the total nitrogen lost before the plant can access it. The **intec** products contain an additive (NBPT) which suppresses the enzyme activity of urease, significantly reducing losses. The **intec** products also contain a denitrification additive (Dicyandiamide) which slows down the nitrification conversion in the soil, allowing the nitrogen to remain in the profile longer, significantly reducing losses to leaching.

intec Colourphyll Liquid Fertiliser

20% Nitrogen, 6% Iron, 1% Magnesium

20	Nitrogen
6	Iron
1	Magnesium
RATE	100-500mL/100m ² (10-50L/ha)

- Sustained foliar feeding for 4-6 weeks.
- Proudly manufactured in Australia.
- Stabilised nitrogen for efficient release and reduced loss.
- Iron for chlorophyll and colour production.

intec Colourphyll is a premium blend of stabilised nitrogen with iron and magnesium to assist in the production of excess chlorophyll for a longer-lasting deep green appearance and high quality growth. The nitrogen is stabilised using UMAXX technology. Undoubtedly **intec Colourphyll** is a very useful tool in maintaining turfgrass colour without enhancing excessive growth.

intec Colourphyll Total Liquid Fertiliser

17% Nitrogen + trace elements, 6% Iron, 1% Magnesium, 0.2% Zinc, 0.2% Manganese, 0.2% Copper, 0.1% Boron, 0.01% Molybdenum

17	Nitrogen
6	Iron
1	Magnesium
0.2	Zinc
0.2	Manganese
0.2	Copper
0.1	Boron
0.01	Molybdenum
RATE	100-500mL/100m ² (10-50L/ha)

- Stabilised nitrogen for efficient release and reduced loss.
- Contains 7 trace elements.
- Iron and magnesium for chlorophyll and colour production.

intec Colourphyll Total is a stabilised nitrogen fertiliser with a full trace element package for maintenance of high quality turfgrass. This product is a unique premium liquid fertiliser, ideal for providing extended colour improvement, whilst delivering prescribed levels of essential trace elements for ultimate turf performance.

intec 12-0-20 Liquid Fertiliser (Powered by Colourphyll N Technology)

20% Potassium, 12% Nitrogen, 0.5% Iron

20	Potassium
12	Nitrogen
0.5	Iron
RATE	100-400mL / 100m ² (10-40L/ha)

- High analysis stabilised nitrogen & potassium fertiliser.
- Iron for improved colour response.
- Ideal for use in hardening off the plant during high stress conditions.

High analysis stabilised nitrogen and potassium fertiliser with iron to enhance controlled and consistent growth in turfgrass. **intec 12-0-20** will also assist in colour and hardening off in turf. Nitrogen is stabilised using **intec** technology. The efficient use of nitrogen is quickly becoming a critical issue in turfgrass where the use of urea and other ammonium based fertilisers is extensive. From the time these fertilisers are added to the ground, a variety of chemical and environmental changes occur. These changes have a detrimental effect on nitrogen efficiency and the environment.

intec Colourphyll K Liquid Fertiliser

15% Nitrogen, 10% Potassium, 4% Iron, 1% Magnesium

15	Nitrogen
10	Potassium
4	Iron
1	Magnesium
RATE	100-500mL/100m ² (10-50L/ha)

- Stabilised nitrogen for efficient release and reduced loss.
- Potassium in a highly available citrate form.
- Iron and magnesium for chlorophyll and colour production.

intec Colourphyll K is a stabilised nitrogen with potassium, iron and magnesium to assist in the production of excess chlorophyll for a longer-lasting deep green appearance and high quality growth. The product is ideal for application throughout the whole year.

intec Specialty Liquid Fertilisers

intec C.E.C. Xtra Liquid Fertiliser

Complete Organic Conditioner For Turf

2	Nitrogen
1	Phosphorus
3	Potassium
3	Humic Acid
5	Seaweed
10	Protein
10	Amino Acids
20	Carbohydrates
RATE	300-750mL/100m ² (30-75L/ha)

- Maintain biodiversity, nutrient retention and promote larger root systems.
- Strong root systems helps recovery from pitch marks and damage caused by high traffic.

intec C.E.C. Xtra is a combination of humic acids, kelp, amino acids, protein and carbohydrates to assist in improving soil exchange capacity within the soil environment, whilst also enhancing beneficial microbe support and water retention. The promotants that are naturally derived within the product lead to enhanced root growth structure and density.

intec Descend Liquid Fertiliser

12% Nitrogen, 12% Calcium, 3% Magnesium

12	Nitrogen
12	Calcium
3	Magnesium
RATE	150-300mL/100m ² (15-30L/ha)

- Added magnesium will contribute to chlorophyll production and assist in the sodium displacement process.

intec Descend is a formulation of highly concentrated calcium, nitrogen and magnesium fertiliser for the treatment and removal of sodium accumulated in the soil profile. This product is used to maximise displacement of sodium as high levels can be toxic to turfgrass.

intec FeNder Liquid Fertiliser

12% Nitrogen, 8% Iron, 1% Magnesium

12	Nitrogen
8	Iron
1	Magnesium
RATE	100-500mL/100m ² (10-50L/ha)

- Designed to rapidly achieve a deep rich colour.
- High levels of iron for excess chlorophyll production.
- Quality source of upfront nitrogen.

intec FeNder is a high analysis iron, magnesium and nitrogen formulation designed to produce quick and prolonged green up of turfgrass. Iron applied to turf will enhance production of chlorophyll thus giving a long-lasting deep green turf appearance. The magnesium and nitrogen will aid in the formation of chlorophyll in conjunction with the iron source. This product provides an excellent presentation improvement tool for fairways, tees and higher cut turf surfaces.



intec KeyMag Liquid Fertiliser

5% Magnesium

5	Magnesium
RATE	100-500mL/100m ² (10-50L/ha)

- Corrects magnesium deficiencies.
- Improves quality and health of playing surfaces.

intec KeyMag is a high quality chelated complex for the correction of magnesium deficiencies. Having the correct levels of nutrients is essential for the quality, health and maintenance of the playing surfaces.

intec Major K Liquid Fertiliser

30% Potassium

30	Potassium
RATE	100-400mL/100m ² (10-40L/ha)

- Your source of bulk potassium in an organic citrate form.
- Molecules are rapidly absorbed and converted into carbohydrates.
- Increase hardening to reduce wear and lower disease pressures.
- No nitrogen, chlorides or sulphur.

intec Major K contains 30% potassium in an organic citrate form, providing major advantages over inorganic salts. Contains no nitrogen, chlorides or sulphur. This product will assist how the plant hardens off during cooler months to assist in reducing wear in turf.

intec Phite King Liquid Fertiliser

30% Potassium, 20% Phosphorus

30	Potassium
20	Phosphorus
RATE	100-400mL/100m ² (10-40L/ha)

- Slow release form of phosphorus for cell division.
- High potassium concentration for hardening turf, to reduce disease pressures.
- Increase turgidity for reduced wear and regulated osmotic activity.

intec Phite King is a unique formulation of phosphorus and potassium in a phosphonate form. **intec Phite King** is a phosphorus based fertiliser that is designed to deliver a slowly available form of phosphorus to turf, whilst at the same time supplying sufficient quantities of potassium for strength and durability. This product is extremely useful for use in times of stress or high disease pressure to support plant protection inputs.

intec Tracer Max Liquid Fertiliser

4% Iron, 2% Magnesium, 1% Zinc, 1% Manganese, 1% Copper, 0.5% Boron, 0.05% Molybdenum

4	Iron
2	Magnesium
1	Zinc
1	Manganese
1	Copper
0.5	Boron
0.05	Molybdenum
RATE	100-500mL/100m ² (10-50L/ha)

- Addresses deficiencies in key trace elements.
- High quality formulation with nutrients in a chelated form.
- Contains 7 trace elements.

intec Tracer Max is a multi-trace element formulation containing iron, magnesium, zinc, manganese, copper, boron and molybdenum specially design for high quality turfgrass. The application of these trace elements for complete nutritional control in managing quality turfgrass. The role of most trace elements in turf is to form enzymes to initiate or control growth. They act like switches that stimulate and activate plant function.

intec SiLIXOL T&O Liquid Fertiliser

0.8% plant available silicon (Si)

25g/L	Orthosilicic acid
RATE	Fortnightly: 2.5-5mL/100m ² (250-500mL/ha) Monthly: 5-10 mL/100m ² (500mL-1L/ha)

- Highly plant available source of silicon.
- Patented, stabilised form of Orthosilicic acid.
- Provides a mechanical barrier, increasing leaf rigidity, enhancing playability characteristics such as ball roll and wear tolerance in sportsturf.
- Increases plant defence characteristics.
- Enhances anti-oxidant systems & photosynthesis.

intec SiLIXOL T&O is a proprietary formulation of stabilized Orthosilicic acid. The product has been designed to strengthen and improve plant response in a range of situations including turfgrass, ornamentals and nursery production. **intec SiLIXOL T&O** is a tank mix flexible formulation of silicon and can be mixed with a range of turf and horticultural management products.



intec FREEZONE Soil Recovery System

25% Blend of organic and synthetic acids

25	Blend of organic and synthetic acids
5	Nitrogen
7	Calcium
0.5	Iron
RATE	20-40mL/100m ² (2-4L/ha)

- Reduces alkalinity levels.
- Solubilise locked up nutrients in the profile.
- Improves nutrient uptake.
- Reduces pH.
- Reduces sodium accumulation.
- Contains no chlorides.
- Contains calcium, iron and nitrogen.

Bicarbonate's present in effluent water can accumulate in the soil profile which then interacts with sodium to form the insoluble compounds which minimises soil quality, fluctuation, water penetration, nutrient deficiency and overall soil health.

intec FREEZONE has a unique blend of organic acids that will chelate insoluble compounds, making them available to the plant. Available calcium will now assist removal of unwanted salts in the soil profile, in particular sodium. The results are improved soil quality and a renewed increase in available calcium, phosphorus and trace elements.

intec FREEZONE Injectable Soil Recovery System

50% Blend of organic and synthetic acids

50	Blend of organic and synthetic acids
RATE	Adjust rate according to water quality and flow rate

- Reduces alkalinity levels.
- Solubilise locked up nutrients in the profile.
- Improves nutrient uptake.
- Reduces pH.
- Reduces sodium accumulation.
- Contains no chlorides.

intec FREEZONE Injectable is a specially modified acid for the treatment of effluent and other poor quality water sources.

The quality of water has a pronounced effect on the growth and health of turf. Irrigation water can contain detrimental salts such as sodium, chloride, carbonates and bicarbonates that can adversely affect fertiliser efficiency and nutritional control.

intec FREEZONE Injectable is uniquely formulated to acidify and cater for poor quality water to meet the requirements of turf.



intec Product	% Nutrient												
	N	P	K	Fe	Mn	Ca	Mg	Cu	B	Mo	Zn	Si	Acid*
intec Colourphyll	20			6			1						
intec Colourphyll Total	17			6	0.2		1	0.2	0.1	0.01	0.2		
intec 12-0-20	12		20	0.5									
intec Colourphyll K	15		10	4			1						
intec C.E.C. Xtra#	2	1	3										
intec Descend	12					12	3						
intec FeNder	12			8			1						
intec KeyMag							5						
intec Major K			30										
intec Phite King		20	30										
intec Tracer Max				4	1		2	1	0.5	0.05			
intec SiLIXOL T&O												0.25	
intec Freezone*	5			0.5		7							25
intec Freezone Injectable*													50

* Freezone products contain a blend of organic and synthetic acids.

C.E.C. Xtra contains 20% Carbohydrates, 3% Humic and Fulvic Acid, 5% Kelp (Seaweed), 10% Protein, 10% Amino Acids.

intec Product	Rate	
	per 100m ²	per Ha
intec Colourphyll	100-500mL	10-50L
intec Colourphyll Total	100-500mL	10-50L
intec 12-0-20	100-400mL	10-40L
intec Colourphyll K	100-500mL	10-50L
intec C.E.C. Xtra	300-750mL	30-75L
intec Descend	150-300mL	30-75L
intec FeNder	100-500mL	10-50L
intec KeyMag	100-500mL	10-50L
intec Major K	100-400mL	10-40L
intec Phite King	100-400mL	10-40L
intec Tracer Max	100-500mL	10-50L
intec SiLIXOL T&O	2.5-10mL	250mL-1L
intec Freezone	20-40mL	2-4L
intec Freezone Injectable	Adjust according to water quality and flow rate.	

N = Nitrogen
P = Phosphorus
K = Potassium
Fe = Iron
Mn = Manganese
Ca = Calcium
Mg = Magnesium
Cu = Copper
B = Boron
Mo = Molybdenum
Zn = Zinc
Si = Silicon

Important Conversion Calculations

To Convert	Multiply by
Feet to metres	0.3048
Metres to feet	3.2808
Sq feet to sq metres	0.092903
Sq metres to sq feet	10.7638
Acres to hectares	0.40468
Hectares to acres	2.47105
Gallons to litres	4.545
Litres to gallons	0.22
Ounces to grams	28.3495
Grams to ounces	0.03528
Pounds to kilograms	0.4536
Kilograms to pounds	2.2046
P to P2O5	2.2910
P2O5 to P	0.4365
K to K2O	1.2051
K2O to K	0.8301
Mg to MgO	1.6578
MgO to Mg	0.6032



About Us

Indigo Specialty Products is a privately-owned business, formed and operated by a small team of industry professionals with extensive experience in manufacture, distribution, development and product registration. We are a business focused on production & supply of plant protection, pest control, plant nutrition, soil, water management & biological products. Specialising in Australasian non-crop and niche horticultural markets, including Turf & Amenity, Nursery Production, Industrial Vegetation Management, Forestry, Pest Control and Consumer Home Garden & Pest Management.



Formulated in Australia

Our goal is to manufacture the Indigo product ranges in Australia as much as possible, where we can oversee product quality processes, whilst allowing us the flexibility to modify products to overcome ever changing challenges. Our ProForce and HydroForce range of products are formulated in Australia using imported materials. Our Xcel Fertiliser and BioForce Biological range are manufactured in Australia to the highest possible standards.



Developed & Researched for local conditions

We are heavily focused on local research and development to ensure our products perform at their peak in the Australian markets. We actively invest in field trial research programs and modify our formulations to match the local conditions of the key markets in which we operate to maximise performance.



Focused on Specialty markets

We strive to be relevant in our core markets, by adding value via overcoming issues and obstacles that are present in the markets we operate within. We do this by focusing on control of key pests or diseases or by solving key management issues that our valued end user customers have. We also strive to be active in the core markets in which we operate by working closely with our allied distributor network, offering support, service and advice where required.



Diagnostic Services

We offer a complete diagnostic services package, known as TechForce, designed to evaluate and identify key agronomic problems, so we can be better informed in recommending products for the specific situation. We also believe that by offering these services, our customers and users of our products can evaluate performance of the portfolio in a quantifiable and scientific approach. We use some of Australia's leading laboratories in delivering results for our services including Westgate Laboratories, Ground Science and the Department of Primary Industries, Orange.