

# SPECIALIST PRODUCTS



## NITRON N P K

**14 : 0 : 0 +13 Fe w/v**

- High iron liquid for a brilliant dark green colour
- Aids in greater winter colour on warm grasses



## FIRMRITE Si K N P K

**0 : 0 : 15 + 20 Si w/v**

- Hi Silicone potassium solution
- Improves cellular structure, turgidity and enhances disease resistance



## SPRAYCAT 7.5 14S + 8 Ca w/v

- Clear liquid calcium thiosulphate solution
- Sodium displacement greater than other sources of Ca
- 100% soluble calcium



## RM 129 - SOIL WETTER

- Overcome water repellency
- Eliminate dry patch
- Guarantees rapid and even penetration of water

"RM 129 is highly effective at overcoming poor rewettability? in organic materials" Kevin Handreak – FAIH Soil Scientist



### Nutrient Analysis - Application Rates

	Analysis w/v													Rate / 100m <sup>2</sup>			
	N	P	K	Su	Ca	Mg	Zn	Mn	Cu	Fe	B	Mo	Co	Other	Low	Medium	High
<b>Nitro 35</b>	35.0														550 ml/100m <sup>2</sup>	800ml / 100m <sup>2</sup>	1.1 L / 100m <sup>2</sup>
<b>Vision 20-20</b>	20.0		20.0												300ml / 100m <sup>2</sup>	550ml / 100m <sup>2</sup>	800ml / 100m <sup>2</sup>
<b>Endurance -20 Lo P</b>	20.0	1	6.0	0.08		0.02	0.03		0.05	0.02	0.002	0.001		500ml / 100m <sup>2</sup>	1 L / 100m <sup>2</sup>	1.5 L / 100m <sup>2</sup>	
<b>Mission</b>	19.0	4	16.0			0.01	0.06	0.07	0.01	0.02	0.002			300ml / 100m <sup>2</sup>	550ml / 100m <sup>2</sup>	800ml / 100m <sup>2</sup>	
<b>Balance -15</b>	15.0	4	8.0	0.1		0.02	0.03	0.03	0.05	0.04	0.002	0.001		800ml / 100m <sup>2</sup>	1.2L / 100m <sup>2</sup>	1.6L / 100m <sup>2</sup>	
<b>Nitro 11 Hi K</b>	11.0		15.0	12										900ml / 100m <sup>2</sup>	1.3L / 100m <sup>2</sup>	1.8L / 100m <sup>2</sup>	
<b>Gripper Magnesium</b>	6.2				3.8	5.0								200ml per 100m <sup>2</sup>			
<b>Gripper Calcium</b>	2.0								6.0					200ml / 100m <sup>2</sup>			
<b>Gripper Iron</b>														230ml / 100m <sup>2</sup>			
<b>Gripper Manganese</b>														200ml / 100m <sup>2</sup>			
<b>Gripper Copper</b>					3.0									50 - 200ml / 100m <sup>2</sup>			
<b>Gripper Zinc</b>							7.5							200ml / 100m <sup>2</sup>			
<b>Base</b>	15.0	18	20.0	0.01		0.02	0.1	0.1	0.04	0.1	0.03	0.002		750 - 1600ml / 100m <sup>2</sup>			
<b>Complete Plus</b>	18.0	6.0	14.0	0.3		0.04	0.03	0.03	0.05	0.03	0.002		0.3 HA	300 - 800ml / 100m <sup>2</sup>			
<b>42N</b>	42.0													500-700 ml per 100m <sup>2</sup>			
<b>Secure AN-28</b>	28.0													6 - 800ml per 100m <sup>2</sup>			
<b>Hi-K 41.5</b>			41.5											200 - 300ml per 100m <sup>2</sup>			
<b>K Blast 30</b>			30.0	24.0										500 - 700 ml per 100m <sup>2</sup>			
<b>Nitron</b>	14			6.4						13				150 - 300 ml per 100m <sup>2</sup>			
<b>Firmrite Si K</b>			15.0										20 SL 1.0 HA				
<b>Spray Cat 7.5</b>				14.0	7.5												
<b>Humic Acid 12</b>																	
<b>Bull Kelp Plus ++</b>																	
<b>Reach</b>	5.0																
<b>Rm 129 Soil Wetter</b>																	
<b>Reducer pH</b>	7.0			19.6													
<b>Sprayphos 620</b>																	

\*\*\*Please Note - Water dilution rates vary with all products from 1:10 thru to 1:100. Check individual drum label\*\*\*



- Water treatment acidifier
- Highest sulfuric acid equivalence (57%) product in the Australia Turf Market
- Safe to handle
- Ideal for water injection



Reducer via water injection



## SPRAYPHOS 620

- 620 g/l Phosphorous Acid
- Systematic Fungicide for effective Downy Mildew, Pythium, Phytophthora and associated root diseases



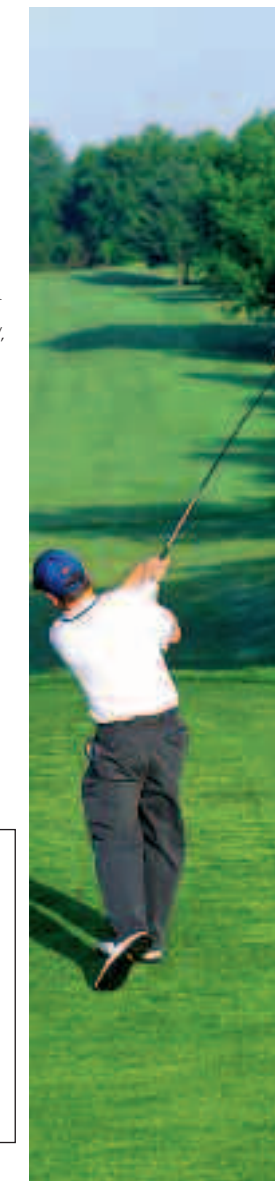
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# LIQUID TURF NUTRITION



Macro and Micro Nutrient Plant Specialists  
- Est 1984

## INTRODUCTION

Spraygro Liquid Fertilizers have been manufacturing leading edge liquid options to the Australian market since 1984.

From Chelated micronutrients, High analysis NPKs, Biostimulants, Clear True solutions to Fungicides. Our commitment and dedication to buying the highest-grade raw material ingredients from around the world, to researching, developing, manufacturing and supplying the best possible liquid range to our Australia market is ongoing.



We are proud to be 100% privately owned and operated Australian company. Supplying products into a wide and very diverse Australian Green (Turf) industry, which, has a huge impact on the quality of life which we enjoy in this great country.

We present a portion of our product range within this brochure. We have the most comprehensive range of liquid fertilizers in the world. For more information, check out our website [www.spraygro.com.au](http://www.spraygro.com.au). If you still cannot find the product you require, ask us about our Prescription Blending Service.

The team at Spraygro look forward to working with you

**Simon Blackwood**  
Managing Director



- Long Lasting nitrogen
- Low Salt index, no burn
- Technical Grade – no Chlorides
- Provide foliar and soil feeding
- Less leaching and volatilization
- Continuous steady feeding

SMART RELEASE NITROGEN™ SERIES contains long methylene Urea with the highest % levels of controlled release available.

This provides steady extended feeding, thus eliminating surge growth, hence providing stronger turf with a greater root system. Four release modes – moisture, heat, sunlight and microbial activity.



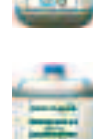
**NITRO- 35**  $\frac{N}{35} : \frac{P}{0} : \frac{K}{0} \text{ w/v}$

- 85% SMART RELEASE NITROGEN™
- Up to 8-10 weeks soil release, up to 5 weeks foliar.
- Safest N source available.



**VISION 20-20**  $\frac{N}{20} : \frac{P}{0} : \frac{K}{20} \text{ w/v}$

- 85% SMART RELEASE NITROGEN™
- Contains Potassium in citrate / carbonate form.



**ENDURANCE 20 Lo-P**  $\frac{N}{20} : \frac{P}{1} : \frac{K}{6} \text{ w/v}$

- 50% SMART RELEASE NITROGEN™
- Lo 'P' Ratio



**MISSION 19**  $\frac{N}{19} : \frac{P}{4} : \frac{K}{16} + \text{Trace Elements w/v}$

- 50% SMART RELEASE NITROGEN™



**BALANCE- 15**  $\frac{N}{15} : \frac{P}{4} : \frac{K}{8} + \text{Trace Elements w/v}$

- 50% SMART RELEASE NITROGEN™
- Balanced NPK general feed ratio



**NITRO 11 HI K**  $\frac{N}{11} : \frac{P}{0} : \frac{K}{15} + 12\% \text{ S w/v}$

- 85% SMART RELEASE NITROGEN™
- High Sulfur content
- Suited to high pH soils.



EDTA liquid micronutrient range of fully chelated elements. High stability across a wide range of influence. Such as soil pH, chemical fixation / attachment thus providing increased stability and solubility, thereby avoiding soil lock-up or spray tank efficiency reduction / drop-out.

GRIPPER micronutrients will easily penetrate the leaf cuticle and plasma membrane to exert their physiological effects.

Available for immediate uptake, Gripper liquids can correct any deficiency in the immediate growing season.



**MAGNESIUM 5% w/v**

- Important element in chlorophyll synthesis
- Especially important in sandy soils, cold conditions
- Use to correct your Cal/Mag ratio (8:1 in soil) (5:1 in plants)



**CALCIUM 3.8% w/v**

- Regulates nutrient uptake, vigour
- Aids in cell wall structure
- Necessary for early root development



**IRON 6% w/v**

- Important for chlorophyll formation
- Ideal to use in high soil pH, which generally inhibits Fe availability



**MANGANESE 6% w/v**

- Essential for 'P' and Mg uptake.
- Ideal to use in high soil pH, which generally inhibits Mn availability



**COPPER 6% w/v**

- Critical for photosynthesis
- Component for several enzymes



**ZINC 7.5% w/v**

- Important for synthesis of auxins and protein
- Aids in Ca translocation



## NPK's plus UPFRONT N



**BASE**  $\frac{N}{15} : \frac{P}{18} : \frac{K}{20} \text{ w/v} + \text{Humic Acid} + \text{Chelated Traces}$

- High analysis starter fertilizer
- High 'P' to aid root development



**COMPLETE PLUS**  $\frac{N}{18} : \frac{P}{6} : \frac{K}{14} \text{ w/v} + \text{Chelated Trace Elements}$

- Hi N K fertilizer
- 100% Immediate Release Nitrogen



**42 N**  $\frac{N}{42} : \frac{P}{0} : \frac{K}{0}$

- High analysis Urea Ammonium Nitrate Solution



**SECURE AN – 28**  $\frac{N}{28} : \frac{P}{0} : \frac{K}{0}$

- Liquid ammonium nitrate
- Safe to handle, safe to store
- Fast release nitrogen uptake in low soil temperatures



**Hi K 41.5**  $\frac{N}{0} : \frac{P}{0} : \frac{K}{41.5}$

- Highly concentrated Potassium carbonate solution
- Low salt index form of 'P'
- Hardens turf leaves



**K BLAST 30**  $\frac{N}{0} : \frac{P}{0} : \frac{K}{30} + 24\text{S}$

- Liquid potassium thiosulphate form
- Ideal for high pH soils
- Hardens turf leaves – improves green speed



## BIOSTIMULANTS - PROMOTANTS



**HUMIC ACID – 12**

- Improves soil cation exchange capacity (CEC) and nutrient holding
- Assists in lowering and neutralizing salts.



**BULL KELP PLUS ++**

- Natural growth promanant
- Root growth stimulator



**REACH**

- Natural rooting hormone stimulator
- Contains Kelp, Humic Acid, Carbohydrates, Amino Acids, Complex sugars
- Trigger greater rooting and root mass density
- Improves turf colour, quality, turgidity
- Effective in tree care / nursery / transplants also.
- Lessens compaction

