

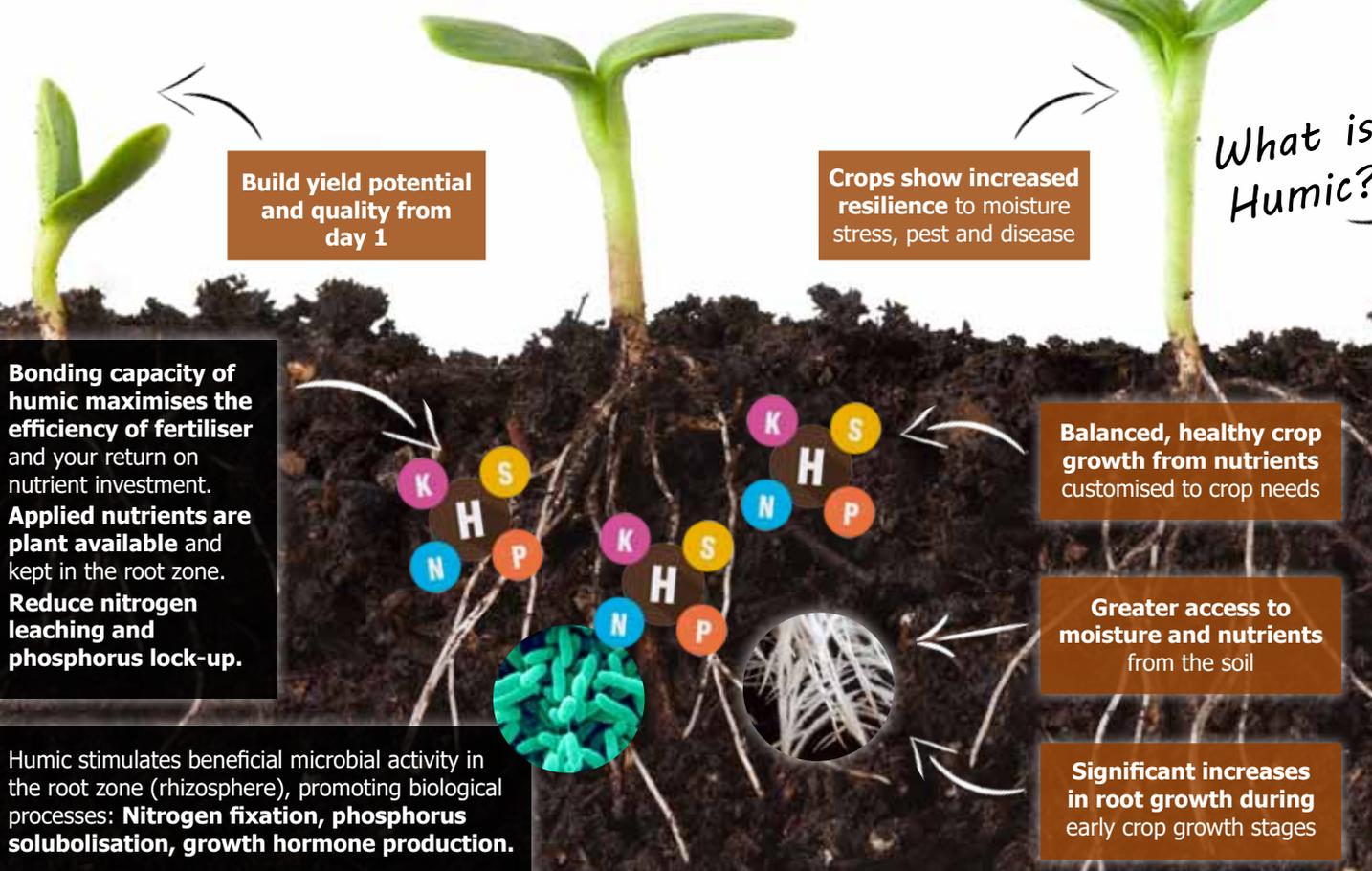
NUTRIMAX Granular

The coating technology gives a free-flowing humic prill with low dust

NutriMAX is a next generation fertiliser formulated for crop establishment; Supply crop nutrient needs for N P K S based on MAP / DAP / SOA / Guano. Plus it's nutrient uptake technology will maximise return on your investment. NutriMAX's nutrient bonding capability is based on carbon (humic) and delivered in a unique prill. The humic prill is designed to ensure simple hassle-free application of NutriMAX, with maximum crop nutrition and growth benefits.



Superior Crop Performance with Next Generation Fertiliser



Build yield potential and quality from day 1

Crops show increased resilience to moisture stress, pest and disease

What is Humic?

Bonding capacity of humic maximises the efficiency of fertiliser and your return on nutrient investment. Applied nutrients are plant available and kept in the root zone. Reduce nitrogen leaching and phosphorus lock-up.

Humic stimulates beneficial microbial activity in the root zone (rhizosphere), promoting biological processes: **Nitrogen fixation, phosphorus solubilisation, growth hormone production.**



Balanced, healthy crop growth from nutrients customised to crop needs

Greater access to moisture and nutrients from the soil

Significant increases in root growth during early crop growth stages

NutriMAX Granular Range

	N	P	K	S	Humic
NutriMAX 15:10:0:12 H3	14.7	10.5	0.3	11.9	2.5
NutriMAX 14:10:1:11 H5	14.0	9.9	0.6	11.3	5.0
NutriMAX 13:9:1:11 H8	13.2	9.4	0.9	10.6	7.5
NutriMAX 12:9:1:10 H10	12.4	8.8	1.2	10.0	10.0
NutriMAX 17:12:1:8 H5	17.1	12.0	0.6	7.8	5.0
NutriMAX 14:7:1:12: H10	13.5	6.6	1.2	12.3	10.0

Other blends & custom analyses available including Guano Granule and Traces. Available Port Adelaide SA & Geelong Vic. For details & prices ph 08 8260 1134

FOR BEST RESULTS combine with SureCROP VAM treated seed to maximise nutrient uptake, early root growth and uniform crop establishment

Blend with Own Fertilisers

Arrange your own blending of BioMAX Soluble Humate Prill or Granule with fertiliser or lime applications. Rate: 5-30% of total granular or solid fertiliser.

BioMAX Soluble Humate PRILL	50% Humic Acid
BioMAX Soluble Humate GRANULE	85% Potassium Humate (65% Humic, 8% Fulvic)

Part of the organic carbon in soil; also known as 'Active Carbon'. Humic Acid has become a common input in fertiliser programs.

Like phosphorus, nitrogen and other essential nutrients that are applied when growing crops and plants, Humic Acid (and organic carbon) has depleted in most agricultural soils and can be a real limiting factor to productivity. This is why we see strong farm results with Humic Acid.

These 3 functions of Humic Acid are key to its efficacy:

1. High nutrient holding capacity, with a high cation exchange capacity (CEC) of 300-500. CEC is a measure of nutrient bonding ability, nutrients and fertiliser are held plant available by Humic Acid resulting in higher fertiliser efficacy and Return on Nutrient Investment (RONI).
2. Promote beneficial microbial life which build soil aggregate stability; improving soil structure and its ability to hold nutrients and water.
3. Increase soil water holding capacity. Humic Acids have been shown to increase available water capacity by 30-50%.

NutriMAX Guano Granule

Blend of soluble and sustained delivery of phosphorus, ideal to maximise seasonal growth and crop production.

Phosphorus 12%	Magnesium 1.8%
Potassium 0.4%	Silica 9.2%
Sulphur 1.4%	Iron 0.6%
Calcium 30%	Manganese 0.04%

Apply 50-250 kg/ha

Suitable for application with air seeders, augers, cone spreaders

Coated Granule for free-flowing product with low dust





SURECROP VAM

Seed Dressing

SureCROP VAM is formulated with essential crop nutrients for seed germination and early root growth; Phosphorus, Zinc, Silica and Calcium. Plus the innovation in biologicals (VAM Fungi) will setup mutually beneficial plant root and soil interactions. This advanced application of fungi increases the soil volume accessed by plant roots (more water and nutrients), resulting in greater yield, quality and crop resilience.

Feed your Seed and Realise Crop Potential

Phosphorus (P) is essential to seed germination and early root development. At this early growth stage a **P deficiency significantly reduces yield potential.**

ProCrop NSW DPI

P

Zn

Best time to apply Zinc is at seeding. Zinc deficiency can limit crop yields and crop utilisation of water and nutrients.

International Plant Nutrition Institute

What is VAM?



Extend plant root system with SureCrop VAM

Fungi

VAM (mycorrhizal fungi) help make soil nutrients - particularly phosphorus and zinc, available to the plant.

It is a mutually beneficial association between crop roots and the soil fungi. The fungal hyphae (of VAM) act as an extension of the plants roots, increasing the volume of soil the roots can access.

ProCrop NSW DPI



A type of fungi, Arbuscular Mycorrhizal (AM) is also known as Vesicular-Arbuscular Mycorrhizal (VAM).

They are naturally occurring fungi that form a beneficial association with plant roots enhancing the plant's nutrient absorption and access to moisture in the soil.

Most agricultural crops grown in Australia have a medium to very high VAM dependency, influencing the potential for yield loss from 40-90%. ProCrop NSW DPI

Analysis

Phosphorus 1.7%	Silica 2.5%	Fulvic Acid 3.2%
Potassium 0.7%	Zinc 2.4%	AM inoculant
Sulphur 0.2%	Manganese 1.5%	32,500 propagules/L (multiple species)
Calcium 4.9%	Humic Acid 4.4%	

Application

Application	Rate per T of seed	Timing
Cereals	10 L/t	Apply to seed pre-sowing
Legumes (Beans/Peas)	6-10 L/t	Apply to seed pre-sowing
Pasture/Lucerne/Turf	up to 40 L/t	Apply to seed pre-sowing
Potatoes	5 L/t	Apply to seed potatoes pre-sowing
Onions/Carrots	40 L/t	Apply to seed pre-sowing
Brassicas/Canola/Lupins	20 L/t	SureCROP VAM provides essential nutrition for non-mycorrhizal plants. Alternatively consider SureCROP Zinc.
Chemically Treated Seed	Ensure 2L BioMAX Liquid Fulvic is mixed in with every 10L of SureCROP VAM prior to seed application.	

Apply using LawrieCo or conventional seed dressing applicator. Compatible with rhizobium inoculums (pH above 6.5 before addition).

FOR BEST RESULTS combine SureCROP VAM and NutriMAX Granular fertiliser. For fast, even germination, strong root growth and crop potential.

Enhanced Results and Shelf Life

An update to SureCrop VAM packaging in 2018 increased product performance. The 2 PACK means the user can mix the inoculum with the nutrient base at the time of use. This increases the shelf-life of the fungal 'live' component of the product, which improves viability of the mycorrhizal fungi at time of application and importantly enhances results in the paddock.



Building wealth from soil with
Next Generation Fertiliser

LawrieCo
www.lawrieco.com.au