

# Enhancing turf performance through nutrition, moisture management and plant care.

The soil in which you grow turf is the base that underpins surface performance, turf health and ultimately the resilience and consistency of a playing surface over time. We consider all aspects of physical structure, nutrient content, biology and the influence irrigation water has on your soils, and then make scientific based tailored recommendations for proactive planning and programming.



# FERTILISER TECHNOLOGIES



XCU is the new generation of polymer-coated sulphur-coated urea and the special manufacturing process gives each granule a durable, consistent and one-of-a-kind coating. XCU is unique because it has an inner polymer layer, which consists of a thin, cross-linked polyurethane film that encapsulates and protects the urea granule. XCU's outer layers consist of a thin coating of elemental sulphur and a polymer wax, which work together to protect the inner polymer coating. When the outer sulphur and wax layers absorb water and/or are damaged, the inner polymer layer continues to deliver a consistent release of nutrients.



ECO ADVANCE is unique technology that includes beneficial microbe strains that have been incorporated in the granulating process. These beneficial microbe strains are designed to dissolve the fine rock minerals into biologically available minerals that can then be used by the plants as required.



N-FUSION™ homogeneous fertilisers contain a revolutionary dispersing fertiliser technology that minimises mower pick-up with a short irrigation cycle. N-FUSION utilises special binding agents that react with water to release the nutrients through the turf canopy into the root zone.



METHYDURE® methylene urea is a time-tested, proven and trusted slow-release nitrogen source. METHYDURE is designed for steady, predictable and long-lasting performance. Over 85% of the nitrogen from METHYDURE relies on microbial release which makes the nitrogen available as required by the plant.



AccuBlu™ is a patented, coated, controlled-release PCU nitrogen source designed to provide a reliable and predictable source of nitrogen over a specified length of time. Uniform curable sealant coating allows for a predictable metering of nitrogen to the plant over the desired time frame from 45 to 240 days.



MESA® is unique fertiliser technology that combines methylene urea with a sulphate of ammonia in a single homogeneous granule. This patented manufacturing process produces a slow-release fertiliser that combines quick acting ammonia nitrogen with a stable and long-term methylene urea. The result is a quick greening of treated turf without surge growth or burn potential.



UMAXX® is a premium stabilised nitrogen fertiliser designed to maximise nitrogen efficiency and minimise nitrogen loss. Stabilised nitrogen remains in the root zone longer in a useable form, therefore, providing consistent growth and optimum results. When it comes to performance and return on investment, no other urea-based product compares to UMAXX stabilised nitrogen. UMAXX provides consistent colour response for up to 16 weeks.



UFLEXX® stabilised nitrogen provides protection against all three forms of nitrogen loss – ammonia volatilization, denitrification, and leaching. Whether you spread it dry, or dissolve it in the spray tank, you can count on UFLEXX fertiliser to provide quick green-up and sustained colour for up to 8 weeks.

## NUTRIENT TECHNOLOGY



VM3 is a proprietary organic technology that enhances nutrient availability, longevity and compatibility for better turf performance. VM3 is a product of fermentation that incorporates several beneficial bacteria, trace minerals and plant stimulants such as aminos, kelps, fulvic and humic acids.



**Trace elements** with fulvic acids, humic acids, amino acids, kelps and sugars. This package works well together with beneficial bacteria to boost soil biology, increase soil carbon, stimulate plant growth and break down organic matter.



VAM (Vesicular Arbuscular Mycorrhiza) is a group of beneficial symbiotic fungi that can colonize up to 80% of the turf root mass. The fungal hyphae grow out into the soil further than the root hairs, thus enhancing access to ordinarily unavailable soil nutrients.



**Surfactant** included to ensure even coverage.

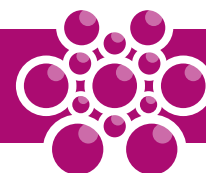


Beneficial bacteria to boost soil biology, increase soil carbon, stimulate plant growth and break down organic matter.



NRDT is a unique formulation of nutrients, enzymes, carbohydrates, biostimulants and trace minerals allowing better extraction and delivery of nutrients to turf.

# GRANULAR NUTRITION



## GREENS & FINE TURF



























PRODUCT	N-P-K	SGN	TECHNOLOGY	LONGEVITY	RATE
MP BALANCE PRO MINI	20-0-12.5	145	Methydure	10 - 12 weeks	180 to 300 kg/ha
MP CARBON GREEN	9-1-9	120	Methydure, Carbon, Humic	8 - 10 weeks	250 to 500 kg/ha
MP GREENS 24	24-1-6	100	Methydure	8 - 10 weeks	200 to 300 kg/ha
MP GREEN STARTER	16-9-6	100	N-Fusion, Methydure	8 - 10 weeks	150 to 240 kg/ha
MP HUMOXY EC+	0-0-0	100	Lime, Humoxy	N/A	250 to 500 kg/ha
MP MINI 14	14-1-3	145	Urea	6 - 8 weeks	220 to 300 kg/ha
MP SPECTRUM MINI	20-2-5	150	Eco Advance Premium Biology	6 - 8 weeks	150 to 300 kg/ha
GYPSUM	0-0-0	100	Micro-gypsum	N/A	250 to 500 kg/ha

## FAIRWAYS & SPORTS TURF

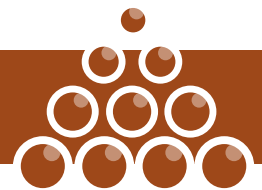
PRODUCT	N-P-K	SGN	TECHNOLOGY	LONGEVITY	RATE
MP ALL PURPOSE	16-2-6	200	Ammonium Sulphate, Urea	6 - 8 weeks	200 to 300 kg/ha
MP AMENITY PRO	16-5-13	200	AccuBlu	6 months	
MP BALANCE PRO	20-0-12.5	200	Methydure	10 - 12 weeks	180 to 300 kg/ha
MP FIELD PRO	25-1-5	200	Methydure, UFLEXX	10 - 12 weeks	280 to 390 kg/ha
MP N-DURE	46-0-0	300	Stabilised Urea	6 - 8 weeks	110 to 150 kg/ha
MP ORIGIN	28-1-8	300	Eco Advance Premium Biology	8 - 10 weeks	150 to 270 kg/ha
MP PREPLANT	20-10-12	300	Stabilised Urea	6 - 8 weeks	180 to 250 kg/ha
MP PRO 22	22-1-4	200	XCU	8 - 10 weeks	180 to 300 kg/ha
MP PRO 31	31-2-6	300	Longlife PCU	10 - 12 weeks	175 to 250 kg/ha
MP SPECTRUM	20-2-5	300	Eco Advance Premium Biology	8 - 10 weeks	150 to 300 kg/ha
MP TURF STARTER	18-10-4	200	XCU	8 - 10 weeks	180 to 300 kg/ha
MESA 30	30-0-0	200	MESA	8 - 10 weeks	100 to 280 kg/ha
NX GOLD	29-0-8	200	MESA	8 - 10 weeks	90 to 180 kg/ha
UMAXX	46-0-0	220	UMAXX	10 - 12 weeks	110 to 150 kg/ha

# SUPERIOR LIQUID NUTRITION



















PRODUCT	N-P-K	TECHNOLOGY	RATE	PACK SIZE
MP ENRICH	1-0-0 + 5Fe + 4Mn + 3Zn	   	20 to 40 L/ha	20, 200, 1000 L
MP NOURISH	10-1-11	    	40 to 60 L/ha	20, 200, 1000 L
MP REFRESH	10-1-0 + 10Ca + 1.5B	   	20 to 40 L/ha	20, 200, 1000 L
MP REINFORCE	3% Si	Monosilicic Acid	10 to 20 L/ha	20, 200, 1000 L
MP ROOTS	5-5-3	    	10 to 40 L/ha	20, 200, 1000 L
MP SAFE K	2-0-21	   	20 to 40 L/ha	20, 200, 1000 L
MP SAFE N	28-0-0	   	20 to 60 L/ha	20, 200, 1000 L




## PLANT CARE



### BIOSTIMULANTS

PRODUCT	ANALYSIS	TECHNOLOGY	RATE	PACK SIZE
MP ENERGISE	Plant enzymes + biostimulants	  	10 L/ha	20, 200, 1000 L
MP FOUNDATION	1.3-1.5-1	    	20 to 40 L/ha	20, 200, 1000 L
MP KELPLUS	Kelp	   	20 to 40 L/ha	20, 200, 1000 L
MP VITALISE	Organic biostimulant complex	   	20 to 40 L/ha	20, 200, 1000 L

### INOCULANTS

PRODUCT	ANALYSIS	TECHNOLOGY	RATE	PACK SIZE
MP PROMOTE	Beneficial bacteria & fungi	    	10 L/ha	10, 200 L

### PIGMENT

PRODUCT	ANALYSIS	RATE	PACK SIZE
RYDER	Phthalocyanine turf pigment	0.75 to 2 L/ha	1 L

### SOIL CONDITIONER

PRODUCT	ANALYSIS	RATE	PACK SIZE
TERREPLEX	Carbon rich acidifier	2.2 to 4.4 L/ha	10, 115, 1000 L

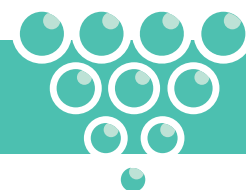


# LIQUID NUTRITION



PRODUCT	N-P-K	RATE	PACK SIZE
MP BRILLIANCE	20-0-0 + 6Fe + 1Mg	20 to 50 L/ha	20, 200, 1000 L
MP ENHANCE	12-0-0 + 10Fe + 1Mg	20 to 50 L/ha	20, 200, 1000 L

# WATER SOLUBLE



PRODUCT	N-P-K	TECHNOLOGY	RATE	PACK SIZE
MP SOLUPLUS WINTER	6-0-18 + Mg + Fe	Triacintinol	10 to 60 kg/ha	10 kg
MP SOLUPLUS BENT	25-2-10 + TE	Triacintinol	10 to 60 kg/ha	10 kg

Triacintinol is a growth enhancer, aiding in rapid absorption of nutrients, delivering a natural green up effect.

# SOIL MOISTURE



PRODUCT	KEY FEATURE	RATE	PACK SIZE
MP SHIELD	Protects against dry patch	20 to 40 L/ha	20, 200, 1000 L
MP STRIKE	Penetrates for infiltration	5 to 20 L/ha	20, 200, 1000 L
MP TRIPLEPLAY	3-in-1 granular solution	200 kg/ha	20, 1000 kg
TERAFIRM	Soil surface moisture management	5 to 13 L/ha	10, 115, 1000 L
TRICURE AD	Premium moisture management	5 to 18 L/ha	10, 115, 1000 L
TFAIR	Native soil moisture management	1.5 to 3 L/ha	10, 115, 1000 L
DEWCURE	Dew control	6 to 9 L/ha	10 L



## Living Turf Locations

### Head Office

**A** C/O Method Logistics  
24D Allright Place  
Mt Wellington  
Auckland 1060

### North Island (Auckland)

**A** NZ Chemical Care & Storage  
252 James Fletcher Drive  
Otahuhu  
Auckland 2024

### North Island (Wellington)

**A** Jets Transport  
25 Toop Street, Seaview  
Lower Hutt  
Wellington 5010

### South Island

**A** Online Distribution  
6 Caerphilly Place  
Hillsborough  
Christchurch 8022

**0800 428 268 | [www.livingturf.co.nz](http://www.livingturf.co.nz)**

LIVING TURF, THE LIVING TURF LOGO, MATCHPLAY, CARBON GREEN, MP TRIPLEPLAY, MP ENHANCE, MP NOURISH, MP REFRESH, MP ROOTS, MP VITALISE, MP KELPLUS, MP SHIELD, MP BRILLIANCE, MP GREEN STARTER, MP REINFORCE AND MP TURFSTARTER are trademarks of Greenshed Pty Ltd. TRICURE, TERA FIRM, TERREPLEX and TFAIR are trademarks of Mitchell Products LLC. UFLEXX, UMAXX, XCU are registered trademarks of Koch Agronomic Services, LLC. N-FUSION, METHYDURE and ACCUBLU are trademarks of Ferti Technologies. MESA is a trademark of Lebanon Seaboard Corporation.

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