

## The technology

### UMAXX®



UMAXX® is a premium stabilised nitrogen fertiliser designed to maximize 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.

### METHEX 40®



Methex 40® methylene urea slow release nitrogen is a trusted technology that has a gradual, consistent release and longevity that allows for the effective feeding of turfgrass with fewer applications for up to 16 weeks. Methex 40® decreases the risk of nitrate leaching or runoff.

### UFLEXX™



UFLEXX™ is beneficial for turf and environmentally responsible. UFLEXX™ improves nitrogen efficiency and reduces nitrogen loss due to volatilisation, leaching and de-nitrification. The result is an excellent nitrogen source with improved nitrogen efficiency, extended response for up to 8 weeks and an improved environmental profile due to less nitrogen loss.

### EXPO®



EXPO stands for Extended Potassium (slow release potassium). This is a unique means of pre conditioning turf against expected stress, with long term potassium feeding combined with steady nitrogen feeding from methylene urea. EXPO is easily identifiable by its purple colour and is easy to program due to predicted release and residual qualities.

### PHCA®



PHCA uses carboxy organic acids which are derived from naturally occurring plant tissue, to increase the bioavailability of fertilisers. Firstly PHCA speeds the movement of nutrients into the soil, through increased granular dispersion and also prevention of nutrient lock up. Secondly its mild chelating influence increases absorption of nutrients into the roots. Finally PHCA improves translocation of nutrients inside turf to achieve fast and efficient turf response. The resulting turf response to PHCA is increased root growth and stand density.

### MESA®



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

**LIVING TURF**  
PARTNERING PROFESSIONAL TURF MANAGERS

*Advanced  
Nutrient  
Technology*

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## Living Turf Best Management Practice

As fertiliser specialists, Living Turf believes in a more pro-active, environmentally responsible and cost effective way to maintain healthy turf. With proper nutrition, your turf will be more stress resistant, require less water and produce exceptional playing conditions and very satisfied customers. Best management practices for fertilisation incorporate efficient, premium quality, environmentally responsible products to not only maximise your fertiliser budget, but also improve your turf quality.

### What is a Best Management Practice?

A best management practice is a method, process or activity that is believed to be more effective at delivering the optimum result when applied to a particular condition or circumstance.

### Living Turf Best Management Practices approach (BMP)

The Living Turf BMP approach is a practical, four-step method for responsible and effective turf management. Developed and proven by turfgrass professionals, for turfgrass professionals.

#### Step 1: Match fertiliser product type to plant needs and area being fertilised

Whether choosing a water-soluble fertiliser or a granular that is blended, organic or homogeneous, our superior products are made from proven technologies. They are developed not only to meet the specific needs of the turf but also to ensure exceptional performance in the field.

#### Step 2: Apply fertiliser when nutrients are necessary to optimise plant health

Your Living Turf turf specialist will recommend an annual fertility program using FMS (Fast-Medium-Slow), slow release and other granular or soluble fertilisers that are suited to your conditions, while considering an approach of lighter, more frequent applications.

#### Step 3: Apply the proper rate of fertiliser for your specific plant needs and field conditions

At Living Turf, we work with you to produce the highest quality turf and playing surfaces. Our full-service soil analysis, detailed technical sheets and personalised agronomic support allow us to recommend the proper rate and application method for each of our products.

#### Step 4: Apply Living Turf fertiliser products in an environmentally responsible manner where it is available to the plant

As environmental stewards, Living Turf is constantly researching the latest technological innovations to provide you with application recommendations and products that are environmentally responsible. Living Turf designs products to maximise absorption by the plant while minimising losses due to leaching or volatilisation. This is accomplished with phosphorous-free, slow release nitrogen, stabilised nitrogen and micro or mini-prill granular fertilisers.

### MICRO GRADE (100 SGN) – GREENS & FINE CUT TURF

PRODUCT	NPK	TECHNOLOGY	LONGEVITY	RATE /100m	BAG SIZE	COMMENTS
Turfstarter	12 + 11 + 7 + 1Fe	Composite	8 - 10 weeks	1 - 2 kg	22.7	43% SRN with high P for establishment or renovation
All Season	18 + 1 + 15 + 1.5Fe	Composite	10 - 12 weeks	1.4 - 2.75 kg	22.7	65% SRN for slow release feeding with balanced N & K
Endurance	24 + 0 + 8 + 0.5Fe	Composite	10 - 12 weeks	1 - 2 kg	22.7	76% SRN for extended release and low burn
Spring Start	16 + 1 + 10	UMAXX	10 - 12 weeks	1.25 - 2.5 kg	20	65% UMAXX - 25% IBDU for spring regeneration
Charger	10 + 0 + 12 + 10Ca, 5Mg	PHCA	8 - 10 weeks	2.5 kg	22.7	85% SRN with K, Ca and Mg to boost the CEC
High K	16 + 0 + 25 + 1Fe	Methex 40 / EXPO	8 - 10 weeks	0.9 - 1.75 kg	22.7	43% SRN with high K to precondition against stress
Solu Cal S	27Ca + 22S	PHCA	-	2.5 - 6 kg	22.7	High analysis Gypsum + PHCA for bioavailability
K-CAL Plus	25K + 8Ca + 4Mg	PHCA	-	2.5 kg	22.7	For sand profiles to boost K, Ca and Mg on the CEC
Micro Cal - Extra	20Ca, 10Fe + Traces	PHCA	-	1.1 - 1.6 kg	22.7	Solu-Cal gypsum formulated with a full trace package
Calciprill	35Ca with 1.4Mg	Prilled lime	-	5 - 10 kg	20	Greens grade lime + Mg

### MINI GRADE (145 SGN) – TEES & MANICURED TURF

PRODUCT	NPK	TECHNOLOGY	LONGEVITY	RATE /100m	BAG SIZE	COMMENTS
Quickstart	16 + 2 + 7 + 1Fe	Composite	4 - 6 weeks	1.5 - 3 kg	22.7	Tees grade homogenous straight fertiliser
MESA NK	19 + 0 + 16 + 3Fe	MESA	8 - 10 weeks	1.3 - 2.6 kg	22.7	100% N as MESA + high K for greens, tees and surrounds
Hi Performance	31 + 1 + 8	UMAXX	8 - 10 weeks	0.8 - 1.6 kg	22.7	98% N as UMAXX for steady release N
Renoblen	7 + 1 + 9	Nutrismart	8 - 10 weeks	5 - 7 kg	20	100% SRN conditioner with high carbon and soil wetters

### MID GRADE (195 SGN) – FAIRWAYS & SPORTS TURF

PRODUCT	NPK	TECHNOLOGY	LONGEVITY	RATE /100m	BAG SIZE	COMMENTS
Quickstart	16 + 3 + 7	Composite	4 - 6 weeks	1.5 - 3 kg	22.7	Fairway grade homogenous straight fertiliser
EXPO Balance	17 + 0 + 17 + 1.4Fe	Methex + EXPO	10 - 12 weeks	1.5 - 3 kg	22.7	67% of N as Methex with 50% of K as EXPO
EXPO NK	28 + 0 + 12 + 1Fe	Methex + EXPO	10 - 12 weeks	0.9 - 1.8 kg	22.7	69% of N as Methex with 40% of K as EXPO
NX Gold	29 + 0 + 8	MESA	8 - 10 weeks	0.9 - 1.8 kg	22.7	36% MESA for general purpose slow release
MESA Sports	19 + 0 + 16 + 3Fe	MESA	10 - 12 weeks	2 - 2.5 kg	22.7	62% MESA + 3% Fe for premium turf response

### STANDARD GRADE (220 SGN) – LAWNS & GENERAL TURF

PRODUCT	NPK	TECHNOLOGY	LONGEVITY	RATE /100m	BAG SIZE	COMMENTS
All purpose	20 + 0 + 4 + 1Fe	PSCU	6 - 8 weeks	1.2 - 2.5 kg	22.7	25% SRN General purpose fertiliser + 1% Fe
Couchmaster	23 + 1 + 10 + 2.5Fe	UMAXX	10 - 12 weeks	1.25 - 2.5 kg	22.7	95% of N as UMAXX + 2.5% Fe and 0.5% Mn
UMAXX	47 + 0 + 0	UMAXX	10 - 12 weeks	1.5 kg	22.7	Highly soluble granule (95% Stabilised N)
UFLEXX	46 + 0 + 0	UFLEXX	8 - 10 weeks	1.5 kg	22.7	50% stabilised N for safe and extended feeding
Turfstarter	14 + 11 + 10	UFLEXX	8 - 10 weeks	1.25 - 2.5 kg	22.7	High P starter mix with 25% UFLEXX
Renoblen Sport	10 + 2 + 7	Nutrismart	8 - 10 weeks	5 - 7 kg	20	Renovation fertiliser with CRN, 4.8% Ca and traces
Calciprill	35Ca, 1.4Mg	Prilled lime	-	5 - 10 kg	20	High analysis Calcium (35%) + Mg
Magprill	25Ca, 9 Mg	Prilled dolomite	-	5 - 10 kg	20	High analysis Calcium (25%) + Mg

### WATER SOLUBLES

PRODUCT	NPK	TECHNOLOGY	LONGEVITY	RATE /100m	BAG SIZE	COMMENTS
Bentgrass	28 + 2 + 15 + 0.4Fe	UMAXX	4 - 8 weeks	0.2 - 0.4 kg	15	70% N as UMAXX water soluble complete fertiliser
Fairway	30 + 1 + 8 + 1Fe	UMAXX	4 - 8 weeks	0.4 - 0.7 kg	15	60% N as UMAXX with 1%Mg