

Plant Health with Minimal Mowing

A liquid nutrition programme is ideal to keep plant health at its optimum, without inducing excessive top growth. Liquid fertilizer can be applied evenly and accurately to the sward at any rate, and the ability to add the majority of RT specialities and Plant Growth Regulators (PGR) into the mix means that time and fuel costs are kept to a minimum. Deciding on an application rate requires knowing what nutritional input is needed, and this is quite simple to determine. Every liquid fertilizer has a Specific Gravity (SG), the density of the product, and you need to know this to proceed (a full list of the RT liquid fertilizers with SG is below). The following formula will then help in working out the required application rate:-

$$\text{Application Rate} \times \text{SG} \times \text{Analysis} \div 100$$

Example:-

Microflow CXS 17-2-5+Te, the Specific Gravity is 1.23, with an application rate of 40lt/ha.

$$40 \times 1.23 \times 17 \div 100 = \mathbf{8.36\text{kg/ha N}}$$

$$40 \times 1.23 \times 2 \div 100 = \mathbf{0.98\text{kg/ha P}}$$

$$40 \times 1.23 \times 5 \div 100 = \mathbf{2.46\text{kg/ha K}}$$

Microflow CXS

A premium range of controlled release liquid fertilizers, most containing Methylene Urea to give greater longevity than standard liquid fertilizers. The range also contains a fully chelated trace element package, humic acid and sugars.

<u>Microflow CXS</u>				
Analysis	Specific Gravity	Trace Elements		
		Boron (B)	App. Rate	20-120lt/ha
26-0-0+Te	1.26	Copper (Cu)	Longevity	4-6 weeks*
17-2-5+Te	1.23	Iron (Fe)	Water Volume	400lt/ha
14-0-7+Te	1.23	Manganese (Mn)	Pack Sizes	20lt, 200lt, 700lt
4-3-16+Te+Fe+Zn	1.32	Molybdenum (Mo)	Tank Mixing	All RT Specialities** Maintain PGR. Microflow analyses.
		Zinc (Zn)		

*Depends on application rate **Except Spike and/or Phos-Form in 4-3-16. When mixing multiple products always try a bucket test for physical compatibility.

Benefits

- Slow, phased release from Methylene Urea over 4-6 weeks
- Contains complexing agent to ensure quick availability of all nutrients
- Encourages the growth of beneficial micro-organisms
- Quick energy source for the plant
- Can be tank mixed with RT wetting agents, as well as Maintain PGR
- Can be tank mixed with all seaweed products.
- Response within 24 hours

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Ecofeed

A range of conventional release liquid fertilizers, containing a comprehensive chelated trace element package and humates.

<u>Ecofeed</u>		
Analysis	Specific Gravity	Trace Elements
25-0-0+Te	1.25	Magnesium (Mg)
12-4-6+Te	1.20	Iron (Fe)
10-0-10+Te	1.20	Manganese (Mn)
8-0-0+22.5S	1.20	Zinc (Zn)
Sul of Ammonia		Boron (B)
		Copper (Cu)
		Cobalt (Co)
		Molybdenum (Mo)

App Rate: 20-120lt/ha
Longevity: 2-4 weeks*
Water Volume: 400lt/ha
Pack Sizes: 200lt, 800lt
Tank Mixing: All RT Specialities**
 Maintain PGR.
 Microflow analyses

*Depends on application rate. ** Except Spike and/or Phos-Form. When mixing multiple products always try a bucket test for physical compatibility

Benefits

- Turf response within 24 hours
- Contains humic acid for improved nutrient availability.
- Tank mixable with all RT wetting agents.
- 100% Sulphate of Ammonia analysis available
- Can be tank mixed with all seaweed products.
- Macro nutrient availability optimised.
- Can be tank mixed with Maintain PGR

Maintain NT

Maintain NT produces a healthier sward whilst reducing the mowing frequency. Increased root mass, improved colour and strength, and enhanced resistance to stress are some of the major benefits of Maintain NT. Combine the benefit of good nutrition with growth regulation – tank mix Maintain NT to reduce cell elongation and hence reduce volumes of clippings.

To increase longevity under present conditions, increase the dose to top end of use spectrum.

Maintain NT	Greens	Tees	Fairways	Semi-Rough
Frequency	3-5 weeks	4-6 weeks	5-7 weeks	6-8 weeks
Height of Cut	<7mm	10-18mm	<18mm	>18mm
Dose Rate (April)	0.4 l/ha	1.2-1.8 l/ha	1.0-2.0 l/ha	2.4-2.8 l/ha