



Microflow-CX Range

4-2-18 + Trace Elements

Intended for autumn/winter use but can be used at anytime during the growing season when Potassium levels are low. Use a water volume of 400-1,000 litres/ha.

At 20 l/ha one treatment provides	N: 1.0	P: 0.5	K: 4.5 kg/ha
At 40 l/ha one treatment provides	N: 2.0	P: 1.0	K: 9.0 kg/ha
At 60 l/ha one treatment provides	N: 3.0	P: 1.5	K: 13.5 kg/ha
At 80 l/ha one treatment provides	N: 4.0	P: 2.0	K: 18.0 kg/ha
At 100 l/ha one treatment provides	N: 5.0	P: 2.5	K: 22.5 kg/ha
At 120 l/ha one treatment provides	N: 6.0	P: 3.0	K: 27.0 kg/ha

Areas of use



12-0-8 + Trace Elements

An NPK balanced liquid fertilizer for spring and summer use. Use a water volume of 400-1,000 litres/ha. Use anytime during growing season.

At 20 l/ha one treatment provides	N: 3.0	P: 0	K: 2.0 kg/ha
At 40 l/ha one treatment provides	N: 6.0	P: 0	K: 4.0 kg/ha
At 60 l/ha one treatment provides	N: 8.9	P: 0	K: 6.0 kg/ha
At 80 l/ha one treatment provides	N: 11.9	P: 0	K: 7.9 kg/ha
At 100 l/ha one treatment provides	N: 14.9	P: 0	K: 9.9 kg/ha
At 120 l/ha one treatment provides	N: 17.9	P: 0	K: 11.9 kg/ha

Areas of use



17-2-5 + Trace Elements

An NPK balanced liquid fertilizer for spring and summer use. Use a water volume of 400-1,000 litres/ha. Use anytime during growing season.

At 20 l/ha one treatment provides	N: 4.3	P: 0.5	K: 1.3 kg/ha
At 40 l/ha one treatment provides	N: 8.6	P: 1.0	K: 2.5 kg/ha
At 60 l/ha one treatment provides	N: 12.9	P: 1.5	K: 3.8 kg/ha
At 80 l/ha one treatment provides	N: 17.1	P: 2.0	K: 5.0 kg/ha
At 100 l/ha one treatment provides	N: 21.4	P: 2.5	K: 6.3 kg/ha
At 120 l/ha one treatment provides	N: 25.7	P: 3.0	K: 7.6 kg/ha

Areas of use

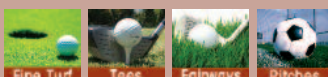


25-0-0 + Trace Elements

Use alone or mixed with other Microflow-CX fertilizers to increase Nitrogen levels. Use a water volume of 400-1,000 litres/ha. Use anytime during growing season.

At 20 l/ha one treatment provides	N: 6.5	P: 0	K: 0 kg/ha
At 40 l/ha one treatment provides	N: 13.0	P: 0	K: 0 kg/ha
At 60 l/ha one treatment provides	N: 19.5	P: 0	K: 0 kg/ha
At 80 l/ha one treatment provides	N: 26.0	P: 0	K: 0 kg/ha
At 100 l/ha one treatment provides	N: 32.5	P: 0	K: 0 kg/ha
At 120 l/ha one treatment provides	N: 39.0	P: 0	K: 0 kg/ha

Areas of use



- * Contains a range of trace elements for improving turf colour and health
- * Fast initial response plus controlled nutrient release for up to 8 weeks
- * Contains naturally derived nutrients from plant protein sources
- * Contains humates for improving plant health

Microflow-CX is a range of liquid controlled release fertilizers which are easy and accurate to apply, have low burn potential and can be absorbed both through the leaves and roots of the grass plant.

When applied in relatively low water volumes a high percentage of the nutrient content remains on the leaf tissue until it is absorbed. As the Methylene Ureas consist of a complex series of organic molecules they create little if any osmotic stress to turf, consequently there is minimum scorch risk.

When applied in higher water volumes, the majority of nutrients pass into the rootzone and remain there, producing minimum leaching due to the larger chain Methylene Urea polymers combining which are less soluble. Warm temperatures, available moisture and especially microbial activity are required to convert these less soluble chains into usable nitrogen.

Plant sugars

Microflow-CX fertilizers also contain simple plant sugars which provide an energy source for the mycorrhizal fungi and rhizosphere bacteria that live in a close, mutually beneficial relationship with the plant. In exchange for an energy supply the mycorrhizal fungi provide the plant with a supply of Nitrate and Phosphate. The plant sugars are also rapidly absorbed and assimilated by the plant cells, providing an immediate energy source.

Humates

Also present in **Microflow-CX** these are derived from Leonardite, a very bioactive form of Humic Acid. This is a highly compressed, natural organic humus that has been further decomposed by microbial organisms. It provides many benefits resulting in improved plant health and growth:

Physical benefits include:

- * Increases water holding capacity
- * Improves drought tolerance
- * Reduces soil erosion

Chemical benefits include:

- * Improves ion-exchange capacity
- * Increases soil buffering
- * Retains fertilizers in the rootzone so reducing leaching potential

Biological benefits include:

- * Stimulation of plant enzymes
- * Enhanced photosynthesis
- * Increasing seed germination
- * Stimulates plant growth

Micro-nutrients (trace elements)

These are important for the healthy growth and plant development, being involved in many biological processes. **Microflow-CX** contains a range of micro-nutrients including Copper, Iron, Magnesium, Manganese and Zinc. All are in chelated form making them very readily available to the plant.