

# FERTIPLUS LIQUID 5-2-4

Fertiplus® LIQUID 5-2-4 an organic fertilizer for use in all crops. Due to its low salinity, this fertilizer does not represent any risk of burning. The high content of trace elements and sugars contributes to a healthy, and effective soil life and thus to healthy plants.

Fertiplus LIQUID 5-2-4 is composed of ingredients from sugar beet and the potato industry.

## SYNOPSIS:

- Improves the soil life
- No leaching of precious minerals
- Odourless product
- Less need for water
- Increased resistance to stress after cutting
- Provides closed growth and compact root system

## APPLICATION:

Mix this fertilizer with a minimum of 1:20 with water and apply in the desired quantities. This fertilizer can be used in combination with other fertilizers.

## The recommended utilisation:

Foliar:	5-10 liters mix with 150-300 liters of water per hectare
Irrigation:	10-50 liters per hectare per two weeks, apply the product thoroughly
Horticulture open ground:	100-200 liters per hectare per 2-3 weeks, , apply the product thoroughly

## LEAF FERTILIZATION

Approx 5% of the total nitrogen content is ammonium. This makes Fertiplus LIQUID 5-2-4 ideal for foliar fertilization. Apply after the first true leaf formation in a dosage of 5 liter fertilizer dissolved in 200 liters of water per hectare. Repeat this treatment with a maximum of 3-5 times with doses of up to 10 liter / ha. These figures are only a guideline.

## GARDENING AND NURSERY

Use a solution of 0.1 to 1% by fertilization by drip irrigation system, irrigation system, or gutters.

Fertiplus LIQUID 5-2-4 has been specially developed for use in drip irrigation and does not blockage. In fertilization regimes whereby the above-ground growth rate is more important than the rooting Fertiplus LIQUID 5-2-4 contributes to the rapid release of minerals added by compost mixtures.

*Note. All organic fertilizers have an unstable EC. Therefore, it is advisable not keep the dissolved fertilizers more than two days. In recirculation systems, the basin or tank must be strongly aerated.*

## FULL OPENCAST-CROPS

### Ferm-O-Feed B.V.

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25 to 50 liters per hectare in 500 to 1000 liters of water.

FERTIPLUS LIQUID 5-2-4 can easily be used as a complete fertilizer in all crops. This fertilizer contains a sophisticated combination of fast and slow release nitrogen. This gives this unique biological fertilizer an operation to more than 3 weeks (depending on the quality of life in the soil).

Apply regularly to give the plants a balanced growth.

*The above figures are an indication. The dosage depends on local soil & weather conditions.*

#### **IMPORTANT.**

It is a natural product, without preservatives and therefore unstable. Variations may occur. When this liquid fertilizer remains stationary for a period of time, the minerals may set up at the bottom. IBCs need before and during operation, always, be stirred. Jerry cans, agitate carefully.

**DRIP IRRIGATION SYSTEM,** When used in drip irrigation system, add 1% mixture (10ltr/1000ltr), and within the first application of the day (if several applications per day).

#### **Minimal dilution 1:20**

#### **SHAKE OR STIR FOR USE**

#### **INGREDIENTS**

This product contains a mixture of fermented vegetable waste streams from potato and sugar beet.

#### **GUARANTEED ANALYSIS**

FERTIPLUS LIQUID 5-2-4, as a natural product, its NPK values can vary up to 15%.

Elements	Fertiplus Liquid 5-2-4
Product	: organic fertiliser
Shape	: liquid
Bulk density	: 1.350 kg/m3
Dry matter	: 56.9%
Moisture	: 43.1 %
Organic matter	: 45.5 %
Amino acids (total weight)	: 12 - 14%
pH	: 5,5 - 6,5
Nitrogen (N) <sup>1)</sup>	: 5.2 %
Nitrogen nitrate (NO3-N)	: <0.1 %
Nitrogen ammonium (NH4-N)	: 2.0 %
Phosphate (P2O5)	: 2.3 %
Potassium (K2O)	: 5.0 %
Magnesium (Mg)	: 0.4 %
Calcium (Ca)	: 0.2 %
Sodium (Na2O)	: 1.0 %
Sulfur (S)	: 1.3 %
Sulfur (SO3)	: 3.4 %
Chlorine (Cl)	: 0.54 %

Trace elements	
Iron (Fe)	: 85 mg/kg
Zinc (Zn)	: 52 mg/kg
Boron (B)	: 19 mg/kg
Manganese (Mn)	: 19 mg/kg
Copper (Cu)	: 14 mg/kg
Molybdeen(Mo)	: <5.0 mg/kg

Ammonia is converted to nitrite in the ground, and then into nitrate. In a healthy population of bacteria is nitrate easy rinse again into nitrite and then into Ammonia, so the leaching is minimal and absolutely all available minerals are available for the plant. Therefore Fertiplus LIQUID 5-2-4 is not comparable to regular doses of fertilizer. Fertiplus LIQUID 5-2-4 is better for the soil, your plants, yourself and the environment.

### **PACKING**

Fertiplus LIQUID 5-2-4 is standard available in jerry cans of 20 liters and IBCs 1000 liters.

### **TRANSPORTATION AND STORAGE**

Store in sealed containers at temperatures of 0-45 ° C, not freeze. In case of large and / or sudden change in temperature crystals can be formed. These have to be sieved out.

Mix the content before use.

### **HEALTH AND SAFETY**

Inhalation : No risk of inhalation.

Skin contact : Wash with soap and water. By irritation of the skin visit your doctor.

Eye contact : Rinse with large amounts of water. Check for allergic reactions, if needed, visit your doctor.

Ingestion : Rinse mouth with water. Let patient drink plenty of water. If swallowed in large amounts induce vomiting and visit your doctor.