

Terraflex

Terraflex is a water-soluble NPK line especially designed for fertigation of soil-grown vegetables, fruit, and flowers. The Terraflex products optimize nutrition according to the actual requirements of the plant. The Terraflex range consists of several crop specific formulations. Fertigation with Terraflex guarantees optimum nutrient solutions based on state of the art research and experience in intensive fertigation.



TERRAFLEX'S KEY ADVANTAGES

► HIGH PURITY FERTILIZER

Terraflex contains no elements detrimental to plants: it is free of Chlorine compounds, Sodium and heavy metals.

► FULLY SOLUBLE

Terraflex is a free-flowing, fine crystalline powder that dissolves quickly and completely in water.

► ALL-IN-ONE

Terraflex will supply crops with a nutrient solution containing all the necessary macro and micro nutrients in the optimum ratio.

► EDDHA

All metal trace elements are EDTA-chelates. Iron is EDDHA chelated to guarantee availability even at high pH-levels.

► UREA- FREE

Terraflex is Urea-free with a high Nitrate Nitrogen content guaranteeing optimum cation uptake and Nitrogen assimilation.

► CONVENIENT

Terraflex can be used during the complete lifecycle of a specific crop.

► NO SALT ACCUMULATION

Due to its balanced composition, Terraflex will prevent deficiencies and salt accumulation

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BALANCED FERTIGATION ALL SEASON LONG

Fertigation in soil-grown crops has led to a substantial reduction of the wetted root zone. This allows total control of the nutrient solution within this wet bulb. Traditional fertigation with NPK fertilizers usually comprises several formulations in order to match the needs of different crops. The Terraflex concept is based on optimum nutrient management within the root zone providing the optimum nutrient ratio during all crop stages. Terraflex meets the requirements for a specific crop in one formula all season long.

Terraflex formulations are Urea-free. Terraflex is based on the purest raw materials. The Potassium is derived from Potassium Nitrate. For intensive horticulture, Nitrate Nitrogen is the optimum Nitrogen source. A high NO₃/NH₄⁺ balance assures sufficient uptake of Ca²⁺ and Mg²⁺ and avoids root degeneration, especially at high soil temperatures. Additionally, Nitrate Nitrogen losses by volatilization are avoided. Fertigation with Terraflex supplies all nutrients without the risk of an excess of Sulfate or Chlorine. Terraflex guarantees sustainable high yields without risk of salination. All metal trace-elements are EDTA chelated ensuring efficient uptake. Iron is present in the superior EDDHA form, making Iron available even in water and soils with high pH.

Terraflex can be applied through any fertilizer dosage system, maintaining a correct balance with every application. Terraflex makes high-tech fertigation simple and easy.

THE TERRAFLEX RANGE				
Product	Typical values (%)		Solubility (20°C)	EC (1 g/l at 20°C)
Terraflex T	15·8·25+3,5 MgO+ TE	Tomato, Pepper	Min. 200 g/l	1,34 mS/cm
Terraflex C	17·7·21+3 MgO+TE	Cucumber, (water)Melon, Zucchini, Eggplant	Min. 200 g/l	1,37 mS/cm
Terraflex F	18·6·19+3 MgO+ TE	Rose, Gerbera, Carnation, Chrysanthemum, Freesia, ...	Min. 200 g/2	1,40 mS/cm
Terraflex S	14·6·25+3,2 MgO+TE	Strawberry	Min. 200 g/3	1,34 mS/cm

