

## The Dynamic Foliar Fertilizers Soluble Powders

**Note to Organic Growers:** These products contain chemical sources of NPK and can therefore not be used by certified organic growers. However, their judicious use in sustainable agriculture is recommended and provides many benefits.

At first sight, this group of products resembles high-quality foliar fertilizers, consisting of (1) a triple NPK formulation, (2) a high-P formulation, and (3) a high-K formulation, all of them containing a typical combination of the necessary micronutrients. In fact, such formulations would indeed stand out in the field of foliar fertilizers.

But, once again, the distinguishing feature of this group of products consists of a substrate formed by the synergistic association of soluble fulvic acids with soluble seaweed extracts (*Ascophyllum nodosum*).

It has already been said that this substrate is a veritable powerhouse, capable of providing extraordinary activity and far superior absorption of foliar nutrients, thereby putting these three products into a **totally different category**, namely that of **dynamic foliar fertilizers**. It not only enables the plants **to assimilate a much higher percentage of the nutrients**, but also provides the **benefits** of the synergized action of **the seaweed extract** which causes **faster and more robust growth**, with **greater resistance against disease and insect attacks**. The end result is that there will be greater increases in yields, and not only quantitative increases, but also qualitywise. In short, here are the details of the present group of dynamic foliar fertilizers:

OikoSol --□	“Triple”	“P”	“K”
Nitrogen (N)	18.0%	11.0%	12.0%
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	18.0%	50.0%	8.0%
Potassium (K <sub>2</sub> O)	18.0%	5.0%	36.0%
Micronutrients	yes	yes	yes
Soluble Fulvic Acids	3.0%	3.0%	3.0%
Seaweed Extract	3.0%	3.0%	3.0%

## Method of application

These soluble products have been specifically designed for foliar application. Prior to use they must be diluted with water. Being totally soluble, they can also be applied via irrigation systems. They can be applied together with other agricultural chemicals, including with most pesticides.

## Special recommendations and application rates

**OikoSol “Triple”** is indicated for all general foliar applications and whenever there is a need for balanced NKP nutrients, which is often the case. The standard application rate is 1.5-2 kg per hectare, usually applied every two weeks.

**OikoSol “P”** is indicated to supply high levels of phosphorus during the critical growth phase. When applied just prior to bloom it will be of particular benefit, resulting in enhanced quality and yields. The usual application rate is 1.5-3.0 kg per hectare.

**OikoSol “K”** contains high levels of potassium which, together with the optimum growth factors derived from fulvic acids and seaweed extracts, provides particular benefits to banana, plantain and other crops requiring high-K fertilization. The standard application rate is 1-2 kg per hectare, usually applied around 6 to 8 weeks before the anticipated harvest.