

USEFUL INFORMATION

BIO-Logical farming works!

Baby Food for Baby Veg

Root crops this year were drilled early into excellent seed beds and normally this is the best you can do to get crops off to a good start. Unfortunately, as always in your business, weather can muck things up.

You can improve plant health and trigger root development with an application of the **VITA-FOS**. This unique product has been developed especially for these root crops and will:

- **Increase availability of trace elements**
- **Develop Stronger Root System**
- **Provide Better Plant Nutrition**
- **Encourage Photosynthesis**
- **Ensure Healthier Plants**
- **Improve Yield**
- **Enable Better Quality Crop**
- **Increase Farmer Returns**

WHAT IS IT

VITA-FOS is the most efficient complete foliar feed for improving plant performance and encourages crops to make more effective use of their natural resources. It's unique combination of phosphate and phosphite with the addition of organic bio-stimulants (Auxins and Cytokinins) will improve uptake of all cations (Ca, Mg, K, Mn) and increase mobility in the plant. It is a highly concentrated, water soluble formulation and contains a balance of enzymes, amino acids, humic acid, trace elements and other organic substances, in all more than 60 elements, in fact, ALL essential trace minerals in a biologically active organic base including biological activators and beneficial micro-organisms including Azotobacters for improved leaf growth and photosynthesis.

These elements and growth stimulants supplement the plants bio-chemistry and have a catalytic effect on the growth mechanisms of the plant that develops a stronger, more active root system. It also contains a special seaweed extract which has the highest levels of minerals and plant growth stimulants known to man.

VITA-FOS enables the plant to release nutrients previously locked up in the soil thus relieving trace element deficiency and makes more effective use of applied fertilisers. A plant relies on the availability of good nutrition in the soil to maintain its health and resist stress.

VITA-FOS encourages photosynthesis and builds carbohydrates resulting in a stronger cell structure that in turn produces a higher yielding plant. You really should not ignore this product when applied at the right time, results have shown extremely useful increases in yield and sugar content.



Above: Seedling carrots

Use *VITA-FOS*
as part of your crop
management and help
ensure crop quality

WHAT'S IN IT?

VITA-FOS is a concentrated water soluble conditioner containing:

	W.V.
Amino Nitrogen	= 6%
Total P as P ₂ O ₅ (as Phosphate P ₀₄ = 5%) (as Phosphite P ₀₃ = 5%)	= 10%
Potassium as (K ₂ O)	= 2%
Magnesium (MgO)	= 1.5%
Manganese (Mn)	= 2.2%
Zinc (Zn)	= 0.7%
Boron (B)	= 1.2%
Sulphate (S)	= 1.1%
Cobalt (Co)	= 0.2%
Bio-Stimulants	= 18%

All in a seaweed base to provide plant growth stimulants including:

- Auxins
- Gibberellins
- Cytokinins

*** Also includes Azotobacters to 'FIX' nitrogen for increased leaf area.**

APPLICATION RATE

2 x 5 litres per ha in a minimum of 150 litres per ha of water at 4 – 8 leaf stage.

Repeat again in 14-21 days for optimum benefit. If applied with fungicide, a jar test should be done and care should be taken when mixing.

**To find out more
or to place an order:**

**Telephone:
01366 384899**

**Email: info@independentsoils.co.uk
www.independentsoils.co.uk**

HOW DOES IT WORK?

The **VITA-FOS** is sprayed directly onto the leaf and is absorbed into the pores - stomata, that enable the plant photosynthesis to take place, the nutrients are absorbed through these pores, often within 24 hours so results are seen very quickly, for this reason it is also a good source for nutrient deficiencies when a quick-fix is required prior to testing and correcting.

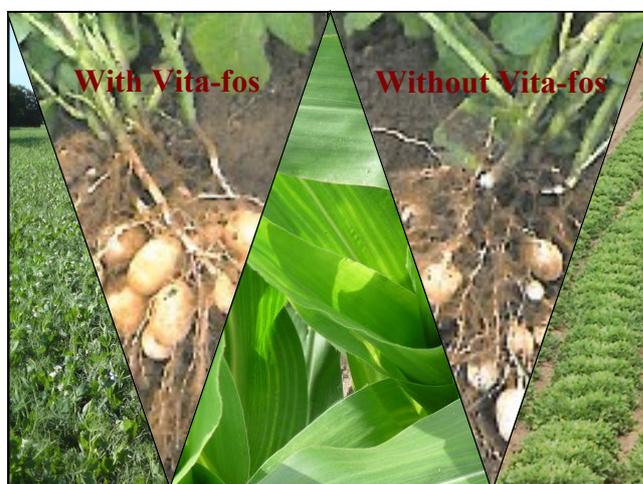
Key stages to foliar feed are during early growth, during/after blooming and prior to plant maturity. The most beneficial time to foliar feed is when the plant stomata are open therefore in early morning or evening when they are responding to changes in daylight and temperature.

Foliar feeding fruit crops is likely to increase both fruit set and yield, whilst leafy vegetables - lettuce and spinach will mature faster. For best results use a sprayer that can produce a mist and smaller sized droplets of product.

**NOW is the right time to give your baby crops a much needed boost -
All babies need baby food!**

There are many products that claim to have soil improvement benefits and no doubt some of them do actually work. We have taken 12 years to build products that DO work in UK soils - in fact we build them to order according to your soil requirements following a full soil fertility audit.

An application now of *Vita-fos* is the ideal 'formula' to boost your crops growth with 'available' phosphite AND phosphate. These are in exactly the right balance to benefit your baby veg. with the addition now of important trace elements for strong root systems and a healthy leaf.



Various crops having benefitted from Vita-fos