



COMPLEX FOLI-N

WITH MEGABACTERS

Soil Fertility Services have been promoting **Bio-Logical Farming Solutions** for many years making them the market leader in this field. They have also been involved for over 20 years in Research and Development of a range of biological products.

COMPLEX FOLI-N has proven to be very beneficial in maintaining green leaf area, improving plant nutrient status during periods of stress and rapid growth and optimising nitrogen uptake for grain fill.

When applied to cereals and OSR crops it will improve plant health and alleviate drought stress.

Contains nitrogen, magnesium, manganese, zinc, sulphur and boron plus other trace nutrients essential for optimal plant growth along with biological stimulants and a consortium of beneficial micro-organisms dubbed 'Megabacters'.

BENEFITS

- Higher Yield Potential
- Reduced Disease Pressure
- Improved Biological Production
- Increased Green Leaf Area
- Less Reliance on Chemicals
- Improved Plant Nutrient Uptake - Especially in times of stress
- No Leaching or Volatilisation



**FEED YOUR SOIL
STIMULATE SOIL BIOLOGY**

SOIL FERTILITY SERVICES - COMPLEX FOLI-N

What is **COMPLEX FOLI-N**?

Using the unique Complex Technology, **Complex Foli-N** uses S.A.N (Stabilised Amino Nitrogen) complexed with magnesium or sulphur and added to biological activators, our beneficial bacillus consortium 'Megabacters', seaweed extract, humic acids, fulvic acids and essential trace elements.

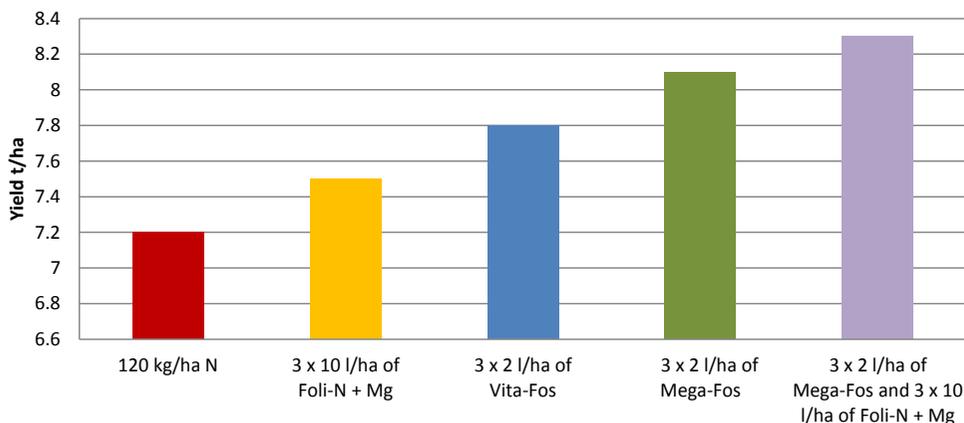
It's a lot more than just nitrogen!

COMPLEX FOLI-N is a complete plant food and natural growth stimulant. In fact, it contains a total of 27 essential plant nutrients. Trials show crop response from 1kg of foliar nitrogen applied to the leaf being equivalent to 4kg Ammonium Nitrate applied to the soil. Therefore, an application of only 10 lt/ha will do the same (or better) as 8kg of soil applied nitrogen. When applied during times of rapid growth or high stress, **COMPLEX FOLI-N** directly activates major plant processes, allowing plants to make better use of inputs and helps to prevent disease pressure.

Why Megabacters?

Applying a consortium of specially selected beneficial microorganisms and not individual strains increases their effectiveness in what is a dynamic environment. So as conditions change, different individual strains of bacillus thrive and wane, this way beneficial bio-diversity is maintained at the optimum level.

SFS Biological Trials on Spring Barley



SFS Biological Trials on Maize

Treatment	Yield Increase (t/ha)	Cost of application (£ per ha)	Value of additional yield (£ per ha)
2.5 lt/ha Mega-Fos and 20 lt/ha Foli-N + Mg	4.8	30	168

Feed the soil and the soil will feed the plant /

Complex Foli-N Range of Products

Complex Foli-N + Mg

Magnesium is a vital nutrient for all plants. A key part of the photosynthetic process and crucial for the production of chlorophyll this essential nutrient is often low in early season tissue tests. Complexed with the nitrogen it can make a big difference to the health and potential of your crop.

Apply at 10 lt/ha with early fungicides to reduce disease pressure, increase green leaf areas and improve yield potential

Complex Foli-N + S

For milling wheat growers it is crucial that crop protein levels do not fail at the last minute. Achieving 13% protein levels secures a premium price so ensuring the levels is the 'be all' and 'end all' of each years crop.

Apply at 40 lt/ha of *COMPLEX FOLI-N + S* applied at GS 71-75 to increase the yield potential and improve grain protein content.

Complex Foli-N OSR (with Boron and Molybdenum)

Most OSR crops demand more Nitrogen, Sulphur and Magnesium post flowering at a time when soil is often drying out and the plant is under stress, conventional soil applied products struggle to meet crop demand at this time.

Apply at 15 lt/ha pre-flowering and 30 lt/ha applied with the late flowering fungicide to help oil production and pod fill giving potential yield increase up to 400 kg/ha.

Complex Foli-N Maize (with Zinc and Boron)

Maize needs a large percentage of its Nitrogen requirement from the 8 leaf stage, through tasseling and on to cob fill. This often coincides with difficult soil conditions meaning that your crop can be put under large amounts of stress, leaving the crop short of nitrogen during these crucial growth stages.

Apply at 25 lt/ha pre-tasseling to provide essential nutrition for the remaining growing period of your crop.

Trials have shown an increase yield of up to 4.8 t/ha

Feed the plant and the plant will feed the soil

COMPLEX FOLI-N+ Mg

Total Nitrogen (N) = 18%

PLUS trace elements including:

Sulphur (SO₃)
Magnesium (MgO)
Manganese (Mn)
Zinc (Zn)
Copper (Cu)

Application

For Cereals, Potatoes, Sugar Beet
and Vegetables
10 – 25 lt/ha

COMPLEX FOLI-N+ S

Total Nitrogen (N) = 18%

PLUS trace elements including:

Sulphur (SO₃)
Magnesium (MgO)
Manganese (Mn)
Zinc (Zn)

Application

For High Protein Wheat
40 lt/ha at GS71 – 75

COMPLEX FOLI-N OSR

Total Nitrogen (N) = 18%

PLUS trace elements including:

Sulphur (SO₃)
Magnesium (MgO)
Manganese (Mn)
Zinc (Zn)
Boron (B)
Molybdenum (Mo)

Application

For OSR and Brassicas
15 – 30 lt/ha

COMPLEX FOLI-N Maize

Total Nitrogen (N) = 18%

PLUS trace elements including:

Sulphur (SO₃)
Magnesium (MgO)
Manganese (Mn)
Zinc (Zn)
Boron (B)

Application

For Maize
25 lt/ha from 8 leaf stage

Complex Foli-N products are all mixed in seaweed base with Humic/Fulvic acids, plant growth promoters, essential trace elements and Megabacters. These products form part of Soil Fertility Services Ltd's biological nutrition programme.

To find out more or to place an order:-

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UK CENTRE FOR BIOLOGICAL AGRICULTURE

Promoting Bio-**LOGICAL FARMING**Solutions

