

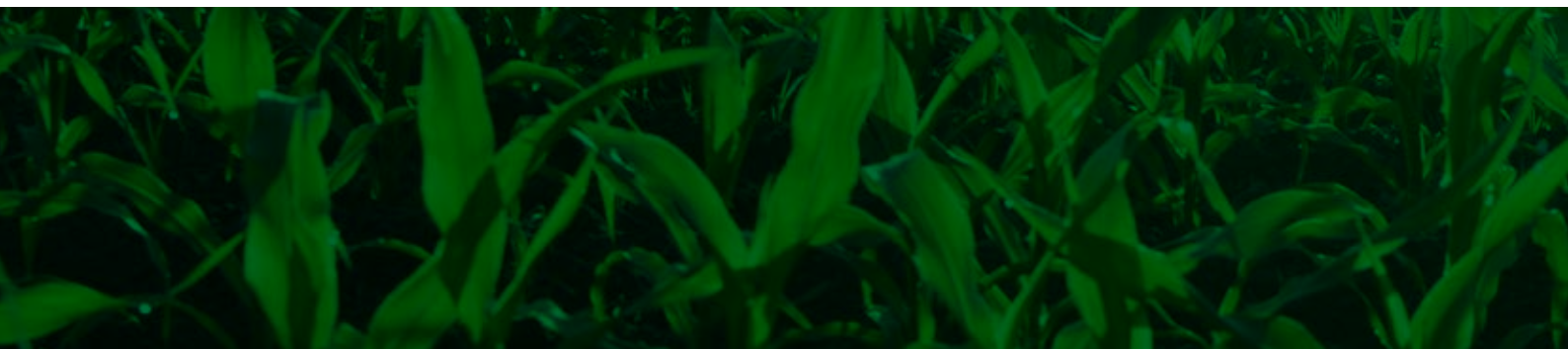


FuturAG



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# INTRODUCTION

We believe that our modern-day agricultural production systems can be radically overhauled by working closer with and studying nature. Nature has provided extraordinary, yet simple solutions to complex problems. We challenge decades old beliefs about agricultural inputs by providing natural solutions to improve the health of our soils, plants and animals.

Over the past 50 years the focus on using chemical fertilisers, pesticides and antibiotics has resulted in great benefits in farm yields and relatively cheap food for a growing world population. However, this narrow focus has lowered the quality of our soils with consequences for the plants we grow and animals we rear. The rise in antimicrobial resistance in humans and animals, increased requirement for chemical fertilisers and lower nutrient density in food leaving the farm gate has raised questions about the true sustainability of existing agricultural production systems.

Thankfully there are solutions to these problems; solutions that can work from the bottom to the top of the food production cycle. Biological agriculture works in partnership with nature. It addresses the issues in current practices by using natural means to create a sustainable agricultural system that benefits all; from soil to consumer. Biological agriculture is a system that identifies chemical, physical and biological imbalances in our soils and corrects these to produce healthier forages and crops with reduced dependence on chemical inputs. When fed to livestock, these forages and crops lead to healthier, more productive animals. Biological agriculture is a system, not a product. It is a system that is practical, more sustainable and one that leads to higher profitability.

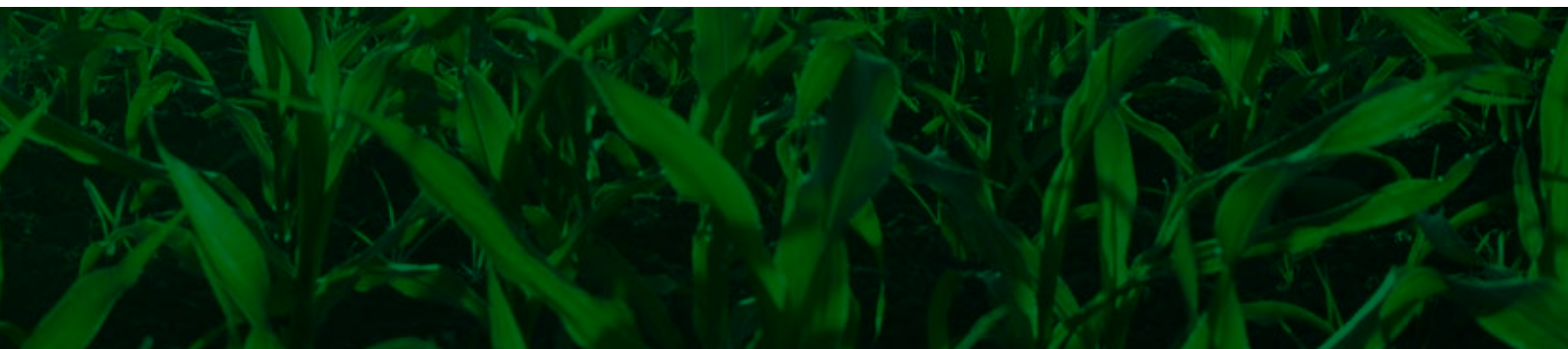
In-depth soil analysis on our soils have shown that we have significant reserves of nutrients “locked up” in a form that is not easily accessible to plants under current farm practises. Our soils have up to 50 years’ worth of phosphorus and sulphur along with significant levels of crucial trace elements available but are currently inaccessible for plant

growth. The implementation of biological practises on farms can unlock these valuable stores of nutrients for the plant to use and so allow farmers optimise the use of purchased fertilisers.

Nature has given us an abundant source of nitrogen in the air above each field that we farm and in the soils that we nurture. A properly structured soil will have up to 25% air which is necessary for aerobic activity in soil microbes but crucially holding close to 20% nitrogen in our soils around plant roots. In a biological system, microbes in the soils can fix nitrogen in a form that is plant available thereby assisting in a more effective use of nitrogen fertilisers.

For animals, the use of natural ingredients has a positive effect on overall animal health and wellbeing. Fine-tuned for dairy, beef, poultry and pigs, these ingredients help to strengthen and support the animal’s immune and digestive systems and maintain optimum health. In a world with increasing levels of antimicrobial resistance, it is imperative to develop solutions for livestock that reduce the dependence on antimicrobials but also ensure their efficacy in the times that they are needed most. Biological agriculture improves sustainability and efficiency for all facets of agriculture by working in harmony with nature. As a result, farmers can make optimal use of natural potential for the benefit of the entire agricultural and food producing industry.

FuturAG is a leader in the field of biological agriculture through experience, expertise and innovation. We have partnered with carefully selected consultants and suppliers that have a combined 100 years’ experience in implementing biological systems on farms in over 40 countries. Our suppliers manufacture cutting edge technological products that meet strict ISO 9001:2008 standards and conform to FIBL and Irish organic standards. We work to fine tune systems and biological products to provide unique solutions tailored to suit local conditions. Learn how FuturAG can help you achieve a more sustainable, profitable system.





## BIO-BOOST™

### Soil Biology Enhancer

Bio-Boost™ is the foundation product for our soil health program and we advocate its use in all farming systems. Applied directly to the soil, it is a cost-effective means to stimulate indigenous soil biology and enhance the activity of all beneficial micro-organisms in the soil. This stimulation enhances the growth of crucial mycorrhizal fungi which supports humus formation and activates the natural supply of plants with nutrients from the soil. This has a long-lasting impact on maintaining soil structure, fertility and soil health.

Bio-Boost™ also supports the aerobic rotting processes in the soil and promotes the breakdown of crop residues with improved root growth of plants and increased nutrient availability. The stimulation of soil biology through the long-term use of Bio-Boost™ has a positive effect on soil compaction and aids in the release of locked up reserves of nutrients in the soil thereby improving sustainability in our farming systems.

#### USE:



Grassland



Arable



Fruit &  
Vegetables



Amenity



Licence No. 7611  
Certified Organic

#### BENEFITS:

- Stimulates soil biology
- Increases nutrient availability
- Activates mycorrhiza growth
- Improved soil structure
- Reduced soil compaction in the long-term

**COMPOSITION:** Trace Elements.

#### APPLICATION RATE AND TIMING:

Year 1 – 1 kg/Ha Autumn and 1 kg/Ha Spring  
Year 2 – 1 kg/Ha Autumn and 1 kg/Ha Spring  
Year 3 – 250 g/Ha Autumn and 250 g/Ha Spring

**PACKAGING:** 10 Ltr plastic drum; 10 kg paper bag in cardboard box; 25 kg Paper Bag.

**CLASSIFICATION:** Fertiliser/Soil Enhancer.

#### APPLICATION METHODS:

Sprayer - Liquid version can be mixed with pesticides or fertilisers unless otherwise indicated on the manufacturer's labelling. Powder version is best applied separately to any pesticides but can be included with liquid fertilisers.

Slurry Tank/Tankers - Where tanks are being emptied Bio-Boost™ can be mixed/agitated into cattle/pig slurry tanks prior to spreading. It can also be applied along with slurry in slurry tankers by dosing down the slurry hose prior to filling or through bespoke fitting on slurry hose.

Umbilical Slurry Systems - Can be applied through dosing system on IBC connected to suction side of slurry pump.



## STS 50™ Soil Inoculant

Healthy soils need adequate bacterial and fungal activity to aid in soil structure, minimise compaction and release reserves of valuable nutrients.

STS 50™ is a multi-functional soil inoculant. The specially selected naturally occurring soil micro-organisms multiply rapidly in the soil and help restore soil health and structure. It stimulates growth of plants directly by improving the nutritional status and health of the root and leaf environment.

STS 50™ can also help control soil borne diseases caused by a variety of pathogens by restoring a balanced level of beneficial soil bacteria and fungi.

STS 50™ can be applied as part of an irrigation solution or foliar spray solution.

### USE:



Grassland

### BENEFITS:

- Helps restore a balanced soil biology
- Increases bioavailability of nutrients
- Breaks down plant residues
- Improves soil structure and helps reduce compaction with long-term use
- Provides the plants with a healthy looking gloss

**COMPOSITION:** Contains several strains belonging to the *Bacillus* and *Phanerochaete* genera and trace elements. The component strains include both aerobic and facultative organisms.

### APPLICATION RATE AND TIMING:

Grassland - 50 g/acre mixed into slurry. The product is activated by diluting with warm water and mixing into slurry tanks (no parlour detergents) at the rate of 50 g/acre of ground to be spread. Mix in slurry at least 1 week prior to spreading.

**PACKAGING:** 5 kg and 10 kg plastic tub.

**CLASSIFICATION:** Soil Inoculant.

### APPLICATION TIME:

Spring/Summer/Autumn.



## AZOFIX®

For nitrogen fixation

Azofix® is a biological fertiliser for increasing nitrogen content in the soil.

Azofix® contains non-symbiotic, free-living soil bacteria *Azotobacter vinelandii*, which effectively assimilates atmospheric nitrogen in the soil and extracts bioactive substances that improve the development of plants. Long term use leads to improved soil structure due to increased levels of polysaccharide alginates exuded by these bacterial strains.

The long-term use of Azofix® will allow farmers to make optimum use of bag nitrogen fertiliser and possibly reduce use by 20 - 50% over a 5 year period. This has positive implications from a soil health, environmental and economic viewpoint.

### USE:



Grassland



Arable



Fruit &  
Vegetables



Amenity



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### BENEFITS:

- Increases the amount of nitrogen in plant available form
- Decreases reliance on chemical nitrogen inputs
- Synthesises plant growing hormones and B-group vitamins
- Enhances biological and enzyme activity of the soil
- Improves soil structure and water capacity

**COMPOSITION:** *Azotobacter vinelandii*; micro-elements Mn, Fe, Cu, Mo, Zn, Co and B-group vitamins: B1, B3, B6 (max. 0.02%).

### APPLICATION RATE AND TIMING:

1 - 2 Ltr/ha.

**PACKAGING:** 10 Ltr and 20 Ltr plastic drum.

Azofix® can be mixed with pesticides or fertilisers unless otherwise indicated on the manufacturer's labelling.

**CLASSIFICATION:** Soil Inoculant.

### APPLICATION METHODS:

Maximise contact with soil. Soil Temperature - Minimum 5°C; Minimum pH 5.5, avoid waterlogged or excessively dry soils.

Cereals/Oil Seed Rape/Beet/Vegetables - It is best to spray onto the soil after sowing or within 2 weeks after sowing. Azofix® can be sprayed onto soil before the crop canopy closes in fully but earlier is best.

Grass - Apply with crop sprayer or through slurry tank onto low covers once soil temperatures reach a minimum of 5°C in late March/early April. A second application is possible in August/September.



# FOSFIX®

## For optimal phosphorus uptake

Fosfix® is a biological fertiliser for improving the phosphorus nutrition of plants.

Fosfix® contains *Bacillus megaterium* bacteria that actively secrete organic acids dissolving low solubility (bound to calcium, magnesium, iron, aluminium) phosphates and releasing phosphorus which can then be assimilated by plants. These bacteria also secrete bioactive substances that stimulate the growth and development of plants.

Working in a wide range of soil pH (5.5 - 8), Fosfix® is recommended for use in both low and high phosphorus soils to increase the amount of plant available phosphorus and to increase the efficiency of phosphorus fertilisers. Irish soils have significant reserves of phosphorus which can be released with the use of Fosfix®. This will enable a reduction in the use of purchased phosphorus fertilisers.

### USE:



Grassland



Arable



Fruit &  
Vegetables



Amenity

### BENEFITS:

- Releases phosphorus from soil reserves
- Enhances bioactivity of the soil
- Improves assimilation of mineral phosphatic fertilisers
- Stimulates development and growth of plant root system
- Improves assimilation of other macro and micro elements

**COMPOSITION:** *Bacillus megaterium*; micro-elements Mg, Mn, Fe (max. 0.02%) and bioactive enzymes.

### APPLICATION RATE AND TIMING:

1 - 2 Ltr/ha.

**PACKAGING:** 10 Ltr and 20 Ltr plastic drum. Can be mixed with pesticides or fertilisers unless otherwise indicated on the manufacturer's labelling.

**CLASSIFICATION:** Soil Inoculant.

**APPLICATION METHODS:** Maximise contact with soil. Soil Temperature - Minimum 5°C; Minimum pH 5.5, avoid waterlogged or excessively dry soils.

Cereals/Oil Seed Rape/Beet/Vegetables - It is best to spray onto the soil after sowing or within 2 weeks after sowing.

Grass - Apply with crop sprayer or through slurry tank onto low covers once soil temperatures reach a minimum of 5°C in late March/early April. A second application is possible in August/September.



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## BACTO-K™

For potassium balance

Bacto-K™ is a biological fertiliser intended for improving the potassium nutrition of plants.

It contains *Bacillus megaterium* bacterium that actively secretes organic acids which dissolve silicates and other low-solubility compounds and releases potassium that is then easily assimilated by plants. This bacterium also excretes bioactive substances that stimulate the immune system and development of plants.

### USE:



Grassland



Arable



Fruit &  
Vegetables



Amenity

### BENEFITS:

- Improves assimilation of potassium fertilisers
- Improves growth of roots and root hairs
- Increases resistance to droughts and frost
- Accelerates photosynthesis processes
- Improves the quality of harvest

**COMPOSITION:** *Bacillus megaterium*; micro-elements Mg, Mn, Fe (max. 0.02%) and bioactive enzymes.

### APPLICATION RATE AND TIMING:

1 - 2 Ltr/ha.

**PACKAGING:** 10 Ltr and 20 Ltr plastic drum. Can be mixed with pesticides or fertilisers unless otherwise indicated on the manufacturer's labelling.

**CLASSIFICATION:** Soil Inoculant.

**APPLICATION METHODS:** Maximise contact with soil. Soil Temperature - Minimum 5°C; Minimum pH 5.5, avoid waterlogged or excessively dry soils.

Cereals/Oil Seed Rape/Beet/Vegetables - It is best to spray onto the soil after sowing or within 2 weeks after sowing.

Grass - Apply with crop sprayer or through slurry tank onto low covers once soil temperatures reach a minimum of 5°C in late March/early April. A second application is possible in August/September.



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## BIO-NPK™ Soil Inoculant

Bio-NPK™ is a biological fertiliser for improving the nitrogen, phosphorus and potassium nutrition of plants.

It contains *Azotobacter vinelandii* and two strains of *Bacillus megaterium* bacteria that fixes nitrogen, releases phosphorus from soil reserves and mobilises potassium in the soil. This combination of bacteria secrete bioactive substances that stimulate the growth and development of plants with long term use leading to improved soil structure.

### USE:



Grassland



Arable



Fruit &  
Vegetables



Amenity

### BENEFITS:

- Increases the amount of nitrogen in plant available form
- Decreases reliance on chemical NPK inputs
- Enhances biological and enzyme activity of the soil
- Improves soil structure and water capacity
- Stimulates development and growth of plant root system
- Improves assimilation of calcium fertilisers
- Improves growth of roots and root hairs

**COMPOSITION:** *Azotobacter vinelandii*; *Bacillus megaterium*; micro-elements Mg, Mn, Fe (max. 0.02%) and bioactive enzymes.

**APPLICATION RATE AND TIMING:**  
3 Ltr/ha.

**PACKAGING:** 10 Ltr and 20 Ltr plastic drum. Can be mixed with pesticides or fertilisers unless otherwise indicated on the manufacturer's labelling.

**CLASSIFICATION:** Soil Inoculant.

**APPLICATION METHODS:** Maximise contact with soil. Soil Temperature - Minimum 5°C; Minimum pH 5.5, avoid waterlogged or excessively dry soils.

Beet/Vegetables - It is best to spray onto the soil after sowing or within 2 weeks after sowing.

Grass - Apply with crop sprayer or through slurry tank onto low covers once soil temperatures reach a minimum of 5°C in late March/early April. A second application is possible in August/September.



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# BACTOFORCE®

For healthier soils and plants

Bactoforce® is a biological product with a combination of ingredients when applied to the soil allows the bacteria to release antimicrobial substances. This helps to maintain a healthy equilibrium between pathogenic and beneficial microorganisms in the soil and helps to restore natural soil qualities. Indirectly this helps to increase the plants self-defence mechanisms and increase plant productivity.

## BENEFITS:

- Improves phytosanitary characteristics of the soil
- Activates useful micro-organisms in rhizosphere
- Enhances bioactivity of the soil
- Enhances immunity of plant and its resistance to stress
- Stimulates growth and development of plant

**COMPOSITION:** *Bacillus mojavensis* MVY-007 (1 x 10 KFV/Ltr) and bioactive enzymes.

## APPLICATION RATE AND TIMING:

1 - 3 Ltr/ha Cereals/Oilseed rape - 1 Ltr/ha applied at GS30 - 32 and again at GS49.

**PACKAGING:** 10 Ltr and 20 Ltr plastic drum. Can be mixed with pesticides or fertilisers unless otherwise indicated on the manufacturer's labelling.

**CLASSIFICATION:** Soil Inoculant.

## USE:



Arable



Fruit &  
Vegetables



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## RUINEX™

For enhanced breakdown  
of plant residues

Ruinex™ is a biological fertiliser intended for acceleration of decomposition of chopped straw/ straw stubble/roots, grass thatch for direct drilling grass seed and general plant residues. It contains a complex of bacteria (*Bacillus mojavensis*, *Bacillus amyloliquefaciens*, *Bacillus megaterium*), fungus *Trichoderma viride* and trace elements. This combination of biological ingredients actively secretes enzymes which stimulates the decomposition of tough plant residues (cellulose, lignin and other organic polymers).

### BENEFITS:

- Increases rate of breakdown of plant residues including grass thatch
- Actively mineralises plant residues leading to increased soil organic carbon
- Increases biological and enzyme activity of the soil
- Increases the content of micro and macro elements available to the plants
- Improves soil structure and ratio of beneficial to pathogenic fungi

**COMPOSITION:** *Bacillus mojavensis*, *Bacillus amyloliquefaciens*, *Bacillus megaterium*, *Trichoderma viride*.

### APPLICATION RATE AND TIMING:

1 - 2 Ltr/ha.

Grass - Can be sprayed up to 3 months pre burn off. Tank mixable with glyphosate.

Arable - After harvesting, spray on the plant residues.

**PACKAGING:** 10 Ltr and 20 Ltr plastic drum. Can be mixed with pesticides or fertilisers unless otherwise indicated on the manufacturer's labelling.

**CLASSIFICATION:** Soil Inoculant.

### USE:



Grassland  
direct drilling  
and ploughed



Arable



Fruit &  
Vegetables



Amenity



Licence No. 7611  
Certified Organic



# PLANT PRO™

## Plant Tonic

Plant Pro™ is a plant tonic with added trace elements. In addition to healthy soil and a sufficient supply with nutrients, an intact plant immune system is an important prerequisite for plant growth and yields. Plant Pro™ has a stimulating effect on the plants' immune system, which improves resistance to stress and strengthens the plants' natural defenses.

By working with the natural biological processes, Plant Pro™ supports more vibrant plant development. It increases root development, increases mycorrhizal fungi and promotes greater chlorophyll and photosynthesis. The resultant healthier and stronger plants are better protected against adverse growing conditions – insects, disease, drought, etc. – supporting an increase in crop yield and quality.

### BENEFITS:

- Stimulates root, plant and mycorrhizal growth
- Activates the symbiosis of soil-root-plant
- Improved assimilation of nutrients
- Strengthens plants and increases resistance
- Accelerate chlorophyll and photosynthesis activity
- Increase stress resistance
- Environmentally friendly

**COMPOSITION:** Trace Elements.

### APPLICATION RATE AND TIMING:

Consult your stockist for crop specific rates and timing.

**PACKAGING:** 10 Ltr plastic drum; 10 kg paper bag in cardboard box; 25 kg Paper Bag.

**CLASSIFICATION:** Fertiliser.

### USE:



Grassland



Arable



Fruit &  
Vegetables



Amenity



Licence No. 7611  
Certified Organic

## MAXPROLIN™

Plant amino acid  
for stress reduction



Maxprolin™ is a bio-stimulant that increases the natural resistance of plants to stress. Maxprolin™ contains L-α proline, an essential amino acid which helps seed germination, encourages the formation of roots hairs, is involved in nitrogen accumulation and promotes pollen production. L-α proline is easily assimilated by plants and has a multiple effect on the growth and development of plants by performing a protective function of cells as well as helping plants to adapt under adverse environmental conditions.

### BENEFITS:

- Prepares crops for winter weather and aids recovery in the spring
- Reduces consequences of biotic/abiotic plant stress and temperature variations
- Increases accumulation of sugars in cells and resistance of plants to winter stress
- Improves metabolism and enhances the effect of other enzymes
- Enhances formation of pollen and embryogenesis
- Increases productivity and quality of crops harvested

**COMPOSITION:** L-α proline  
(purity 99.5%).

### APPLICATION RATE AND TIMING:

2 - 5 g/ha in cereals/oil seed rape applied at GS30 - 32 and again at GS49.

Consult your stockist for other crop specific rates and timing.

Apply as a foliar spray on plants before manifestation of adverse conditions: frost, freeze, draught, etc.

**PACKAGING:** 20 g box (powder).

Can be mixed with pesticides or fertilisers unless otherwise indicated on the manufacturer's labelling.

**CLASSIFICATION:** Bio-stimulant.

### USE:



Arable



Fruit &  
Vegetables



Amenity



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## BACTO SEED™

For seed viability and seedling growth.

Bacto Seed™ is a biological product for enhancement of seed viability and production of seedlings.

It contains a complex of bacteria *Bacillus megaterium*, *Bacillus thuringiensis*, *Bacillus mojavensis* and fungus *Trichoderma viride*. These unique biological strains secrete bioactive substances which inoculate the seed and protect it from pathogenic organisms in the soil.

Bacto Seed™ stimulates the germination of seeds and development of young plants by balancing the metabolism of vital substances and increasing the plants resistance to stress.

### BENEFITS:

- Stimulates viability and germination of seeds
- Improves growth and development of root system
- Increases the immunity of plant and its resistance to stress
- Stimulates assimilation of phosphorus and potassium elements from the soil
- Improves phytosanitary characteristics of the soil and rhizosphere

**COMPOSITION:** *Bacillus megaterium*, *Bacillus thuringiensis*, *Bacillus mojavensis*, *Trichoderma viride*, amino acid L-α proline.

### SEED TREATMENT:

Potatoes:

1 - 3 Ltr/t (solution norm 30 Ltr/t) or 3 - 9 Ltr/ha.

Arable Crops - 2 Ltr/t (solution norm 10 Ltr/t).

Legumes - 2 Ltr/t (solution norm 10 Ltr/t).

**PACKAGING:** 10 Ltr and 20 Ltr plastic drum. Can be mixed with pesticides or fertilisers unless otherwise indicated on the manufacturer's labelling.

### USE:



Arable



Fruit &  
Vegetables



## COMPOST CARE™

### Fertiliser/Soil Enhancer

Compost Care™ is a product that promotes the aerobic decomposition and accelerates the composting process for solid farmyard manure and compost. Aerobic decomposition promotes a sustainable formation of humus when applied to the soil and consequently adds value to the compost and the soil where it is spread.

When used in composting, Compost Care™ leads directly to a reduction in smells and stabilisation of the aerobic environment with composting times reduced considerably.

Compost Care™ is also suitable for use in strawbedded sheds where an aerobic process begins immediately after application and is sustainably stabilised over time. Due to the reduction of smell, this has a direct effect on the in-house climate and consequently on livestock husbandry. FYM treated with Compost Care™ is a nicer product to handle and spread with vastly reduced smell and is much more beneficial for soils and soil biology.

#### BENEFITS:

- Stimulates and optimises the composting process
- Improves the stable climate
- Supports humus formation
- Reduces in-house odours
- Reduces fly and insect loads
- Lowers machine expenditure

**COMPOSITION:** Trace Elements.

#### APPLICATION RATE AND TIMING:

**DRY BEDDED HOUSING:** For initial application apply directly on to bare floor before bedding or directly on to bedding in pre-bedded house.

**INITIAL APPLICATION:** Apply 6 ml(g)/square meter of bedding area.

#### WEEKLY APPLICATION:

Apply 1.5 ml(g)/L.U./week  
Mix the required amount in water at a minimum rate of 1 litre to 20 litres of water and stir vigorously. Best applied using a knapsack sprayer or watering can.

**COMPOSTING/FYM:** Mix the required amount in water at a minimum rate of 1 litre to 20 litres of water and stir vigorously.

Apply 25 - 50 ml(g)/cubic metre of compost/FYM  
Mix the dry product 20:1 with sand/lime.

**PACKAGING:** 10 Ltr plastic drum, 10 kg paper bag in cardboard box, 25 kg Paper Bag.

**CLASSIFICATION:** Fertiliser/Soil Enhancer.



## SLURRY PRO™

### Fertiliser/Soil Enhancer

Slurry produced on farm is a valuable source of nutrients and can contribute to reduced fertiliser use. Slurry stored in tanks will undergo a state of rotting that wastes valuable nitrogen and sulphur and produces by-products that can be harmful to man, animal, plant roots and soil biology.

Treating your slurry with Slurry Pro™ will make it a much more valuable liquid fertiliser. Slurry Pro™ stimulates the microorganisms and microbiology present in the slurry and promotes the aerobic decomposition of organic material. Treated slurry then becomes more homogeneous and flowable, the agitation time is shortened and odours are reduced to natural levels.

Slurry Pro™ can be used in outdoor slurry stores/lagoons and in slatted tanks. The improvement in air quality is also an important factor in the wellbeing of animals. Slurry Pro™ is available for use in dairy, beef, pig and duck production.

#### BENEFITS:

- Reduced agitation and crust prevention
- Increases time intervals between agitation
- Improves the flowability of slurry
- Activates aerobic microorganisms which are beneficial to soil biology/earthworms
- Reduced smells during storage and spreading
- Increased nutrient availability

**COMPOSITION:** Trace Elements.

#### APPLICATION RATE AND TIMING:

Year 1 - Use 10 ml/cow (L.U.)/week - a 100 cow herd will need 1 litre per week.  
Year 2 - Use 5 ml/cow (L.U.)/week - a 100 cow herd will need 0.5 litre per week.

**PACKAGING:** 10 Ltr plastic drum.

**CLASSIFICATION:** Fertiliser/Soil Enhancer.

**APPLICATION METHODS:** Apply half the required amount into the tank at housing and the remainder when the tank is half full. Mix the required amount in water at a rate of 1 litre to 20 litres of water and stir vigorously. Ensure that the mixed product is poured through any crust that may be present (it may be necessary to make holes in the crust for initial applications).

Slatted Tanks - Pour into the tank through the slats at 5 meter intervals - once per span/bay.

Outdoor Slurry Stores/Lagoons - Pour into the reception tank prior to pumping to the store/lagoon.

Existing Slurry Volumes -  
Once-off use - 1 Litre/10,000 Gallons  
Annual Use: 1 Litre/20,000 Gallons.



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Certified Organic





## NurTure™ Complementary Mineral Feed

A good base diet is the basis for healthy livestock and high-quality food produced. The NurTure™ range of products was developed specially to naturally support, maintain and promote the animal's immune system, health and well-being. We have combined a market leading sodium carbonate activated bentonite clay with other leading natural substances when combined have a positive effect on the animal's immune system and digestion. This unique combination of ingredients is designed to support animal health and improve feed efficiency in the absence or presence of mycotoxins. It is therefore suitable for feeding short or long term to dairy and beef cattle.

The special characteristics of all NurTure™ products eliminates interference with nutrients and vitamins and makes it an ideal technological additive against mycotoxins due to its

- high specific surface,
- moderate cation exchange capacity
- fine particle size which promotes contact and absorption of mycotoxins

In addition to a general standard product, specific combinations for individual livestock species and particular requirements have been developed.

### **BENEFITS:**

- Strengthens the animal's immune system
- Increases resistance to stress
- Improves digestion
- Optimises feed efficiency

**COMPOSITION:** Calcium Carbonate/Feed Grade Bentonite.

### **INCLUSION RATE:**

NurTure™ Dairy 20 - 0.1% or 1 kg/T of feed

NurTure™ Beef Finisher - 0.1% or 1 kg/T of feed

NurTure™ Pig - 100 - 250 g/T of feed

NurTure™ Poultry - 100 - 250 g/T of feed

**PACKAGING:** 25 kg plastic/paper bags.





## Alga 45™ Seaweed Fertiliser

Alga 45™ is a plant strengthening seaweed extract. Ascophyllum nodosum, harvested sustainably from the Atlantic ocean on the west coast of Ireland is the natural power behind our leading seaweed extract, Alga 45™.

Ascophyllum nodosum is an inter-tidal seaweed found only in the pristine clean waters of the North Atlantic. It is in this beautiful but harsh environment between the changing tides that Ascophyllum nodosum has developed a natural biochemistry that allows it to thrive & grow. It has evolved to produce a unique set of biologically active compounds that allow it to survive extreme weather conditions varying from scorching sunshine, frost and immersion in temperate water.

Our suppliers have developed unique processes to extract these bioactive compounds that allow us to enhance crop tolerance to stress and increase crop yields with the natural resilience of this wonder of nature.

**PACKAGING:** 20 Ltr plastic drum;  
210 Ltr plastic drum; 1000 Ltr IBC.

**CLASSIFICATION:** Seaweed Fertiliser.



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## Nutripore™ Seaweed Fertiliser

Nutripore™ is a foliar applied plant nutrition product developed for Irish agriculture by leading biological farming consultants from New Zealand, USA and Europe. Our advisors have over 60 years' combined experience in implementing biological principles and practises for grass, cereal, fruit and vegetable farmers worldwide.

Nutripore™ was developed to enable Irish farmers to provide optimal levels of major and minor nutrients for all crops whilst increasing yield and health potential.

It contains:

- Major, macro and micro nutrients
- Seaweed - Organic approved 45% concentration Irish seaweed extract
- Natural Bio - stimulants
- Amino Acid - L- a proline acid

**PACKAGING:** 20 Ltr plastic drum;  
1000 Ltr IBC.

**CLASSIFICATION:** Seaweed Fertiliser.

### Alga 45™ & Nutripore™ USE:



Grassland



Arable



Fruit &  
Vegetables



Amenity





**FuturAG.ie**





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