

BreenFlex

LIQUID FERTILISER SYSTEMS

**Not all
liquid fertilisers
are created equal**



from
Breen Agri
SERVICES LTD

Growing Smarter Together
Decreasing Waste & Pollution, Increasing Profit



Our fertilisers fall into four categories



Foliar



Soil Applied



Starter



Micronutrients

**HIGHLY EFFECTIVE COMPLEXED SOLUTION
FERTILISERS GIVING GREATER:**

Precision - Efficiency - Stability
Crop Quality - Crop Resilience



BREENFLEX FOLIAR RANGE

Application

Applied using conventional sprayer and conventional nozzles, no specialised equipment required.

Our Foliar Fertilisers allow farmers to stay ahead of ever changing EU regulations without any loss in production while improving your soil.

Benefits

- ✓ **Much more efficient than traditional fertilisers, it is applied to and absorbed through the leaf**
- ✓ **Stimulates growth even when root uptake is compromised (cold, wet conditions, poor root structure, suboptimal soil pH)**
- ✓ **Fast-acting, with nitrogen in its plant-available amide form. Leads to healthy balanced growth**
- ✓ **Fewer losses to air and water**
- ✓ **Precise application significantly minimises losses to hedgerows and watercourses**
- ✓ **Reduced quantity of nitrogen and phosphorus applied while improving production and quality**
- ✓ **Beneficial to soil microbial activity as it is absorbed by leaves, thus protecting soils**
- ✓ **Can be tank mixed with other products, either with own range or different products e.g. pesticides**

Always seek advice before mixing

SOME OF THE PRODUCTS IN OUR FOLIAR RANGE

Product name	Product Breakdown	User Rate	Timing	Crops
NP 6-6 Foliar P	6% Nitrogen 6% Phosphorous 2% Magnesium	10L/Ha	Tillering/Early Growth Root formation Right throughout growing season Periods of crop stress	Cereals Potato / Veg OSR, Beet Maize
NS 18-2	18% Nitrogen 2% Sulfur 3% Magnesium	10-80L Per Ha	Requires good leaf cover Can be applied as split of N	Grassland, Cereals, Potato / Veg OsR, Beet, Maize
N16	16% Nitrogen 3% Magnesium 2% Calcium 0.1% Boron	10 – 30L Per Ha	Relieves crop stress throughout growing season, Later to prolong growing period (eg. with fungicide) to promote green leaf retention & crop filling	Cereals Potato / Veg OSR, Beet



SOIL APPLIED RANGE

Application

Applied in large droplets to soil via stream bars or fertiliser nozzles, this acid-based fertiliser requires a compatible sprayer due to its corrosive nature. Contact us for a consultation to ensure compatibility. Solutions and retrofit options available.

Product stability means less waste and superior crop quality with BreenFlex!

Benefits

- ✓ **A stable, low-pH product with complexed technology that minimises nitrogen loss through volatilisation and leaching**
- ✓ **Steady release amide nitrogen fertiliser, promoting pest/disease resistance and benefitting animals (unlike high nitrate fertilisers)**
- ✓ **Stable formulation prevents phosphorus and trace elements from locking up in the soil**
- ✓ **Address crop or herd micronutrient imbalances by adding trace elements as needed. Tailored to suit your farm!**

SOME OF THE PRODUCTS IN OUR SOIL APPLIED RANGE

Product name	Product Breakdown	User Rate	Timing	Crops
N24 + S	24% Nitrogen Sulphur	40-400L Per Ha	Top Dressing	Cereals Grassland
19-2-4	19% Nitrogen 2% Phosphorous 4% Potassium	40-400L Per Ha	Top Dressing	Cereals Grassland
NP 16-6	16% Nitrogen 6% Phosphorous Sulfur, Manganese, Zinc, Boron	80-800L Per Ha	Apply pre-sowing	Maize, OSR <i>Supplies full complement of N & P</i>
NP 15-4	15% Nitrogen 4% Phosphorous 4% Sodium, 1% Boron	500L-1200L Per Ha	Apply pre-sowing	Beet <i>Supplies full complement of N & P</i>
N 9 + Ca, B	9% Nitrogen 8% Calcium, 0.2% Boron	50-500L Per Ha	Apply to seedbed post sowing.	Potatoes/Veg <i>Supplies full complement of N</i>



START FERTILISERS

Application

Applied alongside seed using specialised applicators fitted to seeders. Retrofit options available. Contact for consultation to check your seeder's compatibility and possible placement option's.

Maximize your crop's potential from the START!

Benefits

- ✓ Stable formulation with fewer losses, allowing lower application rates
- ✓ Phosphorus remains available for optimal root growth
- ✓ Reduced phosphorus application, with improved uptake and less lock-up in the soil
- ✓ Customisable micronutrients to suit your farm or crop needs
- ✓ Reduced variance in crop emergence, resulting in more uniform crops with improved root systems
- ✓ Sets high potential for the yield of your crop
- ✓ Suitable for min-till situations, e.g. with grass/clover reseeded.

SOME OF THE PRODUCTS IN OUR START FERTILISER RANGE

Product name	Product Breakdown	User Rate	Timing	Crops
7-8-1 + /- TE	7% Nitrogen 8% Phosphorus 1% Potassium	60 – 160 L/Ha	Applied at sowing	Cereals Potato / Veg OSR, Beet, Maize
PK 9-4 + /- TE	9% Phosphorus 4% Potassium	50 – 180L Per Ha	Applied at sowing	Legumes, Winter Cereals,
10-5-0-1	10% Nitrogen 5% Phosphorus Added Trace Elements	500L Per Ha+	Applied at sowing Full Phosphorus requirement	Potato, Veg

Added nutrients can include Magnesium, Sulphur or trace elements; Manganese, Boron, Zinc, Copper, Molybdenum, Cobalt.



MICRONUTRIENTS

Application

Applied with conventional spray nozzles—no specialised equipment needed.

Boost your crop's defense system with tailored nutrition.

Benefits

- ✓ **Balanced nutrient blend for optimal uptake**
- ✓ **Tailored micronutrient packages for plants**
- ✓ **Excellent nutrient uptake, with nutrients highly available to the plant**
- ✓ **Mixes well with other products (e.g., pesticides) enhances uptake of all mixing partners**
- ✓ **Compatible with other products from our Breenflex Foliar range.**

SOME OF THE PRODUCTS IN OUR MICRONUTRIENTS RANGE

Product name	Product Breakdown	User Rate	Timing	Crops
Penta	2% Nitrogen 4.2% Sulphur 2% Manganese 0.3% Boron 2% Zinc 2% Copper 2% Molybdenum	1.3-3L/Ha	Throughout plant's growing season	Cereals Potato, Veg, legumes OSR, Beet Maize
Pulsar	6% Nitrogen 1.2% Sulphur 1.2% Magnesium 1% Manganese 0.3% Boron 1% Zinc 0.25% Copper 0.02% Molybdenum 0.01% Cobalt	5-12L Per Ha	Throughout plant's growing season. Beneficial after application of NPK fertilisers	Grassland Cereals, Potato, Veg, legumes OSR, Beet Maize
MicroMan	2% Nitrogen 0.5% Magnesium 7% Sulphur 10% Manganese	1.5 – 3L Per Ha	Throughout plant's growing season	Cereals Potato, Veg, legumes OSR, Beet



Over 30 years
experience providing
solutions for Irish farmers

Call us today and let's
start growing smarter!

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