

UK NUTRITION LIMITED

**UK Nutrition Limited - Registered in England - Number 6303959 - Vat Reg GB 910 3450 69
Registered office: 24 Churton Drive, Bridgewater Park, Whitchurch, SY13 1TP**

PRODUCT BROCHURE

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SECONDARY & MICRONUTRIENTS

UK Nutrition products can be tank mixed with most pesticides and low analysis fertilisers for foliar or soil application.

SINGLE ELEMENT

UK Nutrition Single Element concentrates are designed to address specific deficiencies, either alone or in tank mix combinations.

Product descriptions:

| PRODUCT | CONTENT: w/v | RATE lt/ha |
|------------|-----------------|------------|
| Boron | B 13.5% | 2.0 - 5.0 |
| Calcium | Ca 7.2% | 2.0 - 10.0 |
| Copper | Cu 6.2% S 1.7% | 1.0 - 5.0 |
| Iron | Fe 6.3% S 3.7% | 1.0 - 5.0 |
| Magnesium | Mg 5%, S 6.7% | 2.0 - 10.0 |
| Manganese | Mn 15%, S 8.5% | 2.0 - 10.0 |
| Molybdenum | Mo 4.4% | 0.5 - 2.0 |
| Zinc | Zn 8.9%, S 4.5% | 1.0 - 5. |

MIXES

UK Nutrition mixes are balanced ratios of secondary and micronutrients commonly deficient in soils and are formulated to fit the nutritional balance of specific crops.

Product descriptions:

| PRODUCT | CONTENT: w/v | RATE lt/ha |
|-----------------------------|--------------------------------------------------------------------------|------------|
| Manganese & Copper mix | Mn 4.9% Cu 1.6% S 3.8% | 2.0 - 10.0 |
| Oilseed Rape & Brassica Mix | Mg 2.8% Mn 2.3% B 0.94% Mo 0.12% S 5.0% | 2.0 - 10.0 |
| Pulse Mix | Mn 3.1% Mg 2.2% B 0.6% Mo 0.19% S 5% | 2.0 - 10.0 |
| Crop Mix | Mn 3.7% Zn 2.5% Cu 1.2% S 3.4% | 2.0 - 10.0 |
| Cereal Mix | Mn 2.5% Cu 2.5% Mg 1.9% Zn 0.13% S 5.4% | 2.0 - 10.0 |
| Complete Crop Mix | Mg 2.25% Fe 1.69% Mn 1.69% Cu 0.56% Zn 0.56% B 0.25% Mo 0.009% S 5.6% | 2.0 - 10.0 |
| Vegetable Mix | Mg 1.75% Mn 1.56% Fe 1.25% Zn 1.25% Cu 0.3% S 4.7% | 2.0 - 10.0 |

Other ratios/mixes can be provided in minimum quantities of 1000l

NITRO CAL/SUNBURST

Nitro Cal is designed to be a part of the total nitrogen fertiliser programme to achieve the following functions: -

- ◆ Allow greater uptake of ammonium rather than nitrate nitrogen.
- ◆ Enable the crop to utilise more nitrogen without penalising yield or quality.
- ◆ Increase disease resistance.
- ◆ To supply the crop with readily available calcium.

Product descriptions:

| PRODUCT w/v | CONTENT | RATE lt/ha |
|-------------------------|------------------|------------|
| NitroCal 23 Sunburst | N23% Ca 9% | 50 - 300 |
| NitroCal 12 | N 11.8% Ca 11.8% | 50 – 300 |

S+IMULA+E

Product description:

| PRODUCT | CONTENT w/w | RATE lt/ha |
|-----------|-------------|------------|
| Stimulate | 12-0-0-26S | 2-10 |

GROWTH BALANCER

High levels of nitrate nitrogen may result in large amounts of top growth at the expense of root growth and in plant leaves it can reduce the flow of assimilates to the reproductive organs. Growth Balancer is formulated to enhance nitrogen utilisation by improving sugar transport and metabolism, auxin metabolism and seed and fruit development. It promotes the conversion of nitrate nitrogen into other nitrogen forms that contribute to higher yields and fruit filling rather than vegetative growth.

Product description:

| PRODUCT | CONTENT w/v | RATE lt/ha |
|-----------------|------------------|------------|
| Growth Balancer | B 11.8% Mo 0.13% | 2-10 |

YIELD

Yield Foliar Fertilisers contain high levels of macro, secondary and micronutrients. Yield N and P are designed as complete foliar fertilisers to supplement soil fertility. Yield N is recommended for through season application to all crops whilst Yield P has special application for young plants as a starter and for legumes and other crops with low N requirements.

Product descriptions:

| PRODUCT | CONTENT w/v | RATE lt/ha RATE lt/ha |
|---------|--------------------------------|--------------------------|
| Yield N | 10.5-5.5-1.5 + micronutrients* | 2.5 - 5.0 |
| Yield P | 3.5-12-1.5 + micronutrients* | 2.5- 5.0 |

*Micronutrients Mn 0.2% Zn 0.2% B 0.05% Mg 0.4% Fe 0.2% Cu 0.05% Mo 0.035%

NUTRI-FOS

NuTri-Fos products are liquid foliar feeds designed to provide phosphate and other nutrients in highly available forms and as a supplement to soil applied fertilisers which may not be readily available to satisfy the plants requirements.

Product descriptions:

| PRODUCT | CONTENT w/v | RATE lt/ha RATE lt/ha |
|-------------------|-------------|--------------------------|
| NuTri-Fos | 6-26-0 | 10 – 25 |
| NuTri-Fos Plus Mg | 5-27-2.7 Mg | 10 – 25 |

NUTRI-SET

Calcium and boron are key nutrients, which work together in cell structure and sugar movement. Since both nutrients are relatively immobile in the plant, several low rate applications may be more effective in providing adequate levels of nutrients during the critical growth stages than a single high rate.

Product description:

| PRODUCT | CONTENT w/v | RATE lt/ha |
|-----------|---------------|------------|
| NuTri-Set | Ca 10% B 1.3% | 2.0 - 5.0 |

K-BOOST

K-BOOST supplies additional potassium nutrition when soil reserves and the crops root system are unable to provide sufficient potassium for reproductive growth. It is formulated to enhance the foliar uptake of potassium as well as reduce the risk of foliar scorch which may be a problem with foliar potassium. K-BOOST is also a valuable source of readily absorbed sulphur

Product description:

| PRODUCT | CONTENT w/w | RATE lt/ha RATE lt/ha |
|---------|-------------|--------------------------|
| K-Boost | 0-0-17-17S | 5.0 - 10.0 15-30 |

FERTIGATION FEEDS

NUTRI-pHERTILISERS

Low pH fertilisers are acidic liquid compound fertilisers. They supply a highly available form of phosphate, which due to the low pH, is highly suited to application through drip irrigation where clogging of lines can be a problem.

| PRODUCT w/v | CONTENT | RATE lt/ha |
|---------------------------------------|-----------|------------|
| NuTri-pHertilisers (as an example) | 5-20-2-3S | 50-200 |

Low pH fertilisers can be produced in a range of formulations with or without micronutrients.

UK NUTRITION GRANULAR MICRONUTRIENTS

Microgranular products are designed for soil application. They can be applied blended with NPK fertilisers, banded through MicroBand machinery, broadcast through slug pellet applicators or combine drilled with the seed. All products, except Boron, are based on oxy-sulphates to give a combination of immediate and slow release of nutrients. Rates depend on crop and method of application.

Products descriptions:

| PRODUCT | CONTENT w/w |
|---------------|-----------------------------------------------------------|
| Boron | B 10% |
| Copper + Zinc | Cu 15%+ Zn 10% Cu 20% + Zinc |
| Iron | Fe 50% |
| Magnesium | Mg 36% |
| Manganese | Mn 28% |
| Zinc | Zn 36% |
| Potato mix | Ca 10%, Mg 6%, S 5%, B 1%, Fe 2%, Mn 1.5%, Zn 3%, Cu 0.3% |
| SulPhur 90 | S 90% |

Granular products are 2-4mm. SulpHer 90 is also available as a mini prill

