



Passion Ag Global Ltd
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TECHNICAL DATA SHEET

ELIXIR SUPREME

A highly versatile NPK compound fertilizer also containing Sulphur, Mg and other micronutrients for use in a wide range of arable and horticultural crops amenity turf, grassland and trees.

NPK 12:11:18 + 3 % MgO + 14 % S + 0.01 % B + 0.02 % Zn + Te

Date: 10.04.2018.

Version: 1.0

„EC FERTILISER“

Specification No: 05.2/7 GPTS.eng

Chemical Properties

| Analysis | Declared Value % (w/w) | Method |
|---|------------------------|------------------------------------|
| TOTAL NITROGEN (N) | 12.0 | EN 15750 |
| <i>Ammoniacal nitrogen (N-NH₄)</i> | 12.0 | EN 15750 |
| PHOSPHORUS PENTOXIDE (P₂O₅) soluble in neutral ammonium citrate and in water | 11.0 | EN 15957 EN 15959 |
| <i>Phosphorus pentoxide (P₂O₅)</i> soluble in water | 7.7 | EN 15958 EN 15959 |
| POTASSIUM OXIDE (K₂O) soluble in water | 18.0 | EN 15477 |
| MAGNESIUM OXIDE (MgO) total | 3.0 | EN 15960 EN 16197 |
| SULFUR (S) soluble in water | 14.0 | EN 15961 EN 15749 |
| BORON (B) total | 0.01 | M.10.5. |
| ZINC (Zn) total | 0.02 | M.9.1. M.9.11. |

Trace Elements: iron (Fe), manganese (Mn)

Physical Properties

| | |
|---------------------------|---------------------------|
| Physical Appearance | Solid, spherical granules |
| Colour | Blue |
| Granulometric Composition | 2 - 5 mm = 95 % min |

PRODUCT DESCRIPTION

NPK 12:11:18 + 3 % MgO + 14 % S + 0.01 % B + 0.02 % Zn + Te is mineral complex solid fertiliser, characterized by the presence of all primary nutrients, secondary nutrients (MgO,S), micro-nutrients (B, Zn) and uniform granulation. Fertiliser contains trace elements iron (Fe) and manganese (Mn) and low level of chlorine.

APPLICATION

Intended for nutrition of various plant species on different soil types. Thanks to uniform granulation, the fertiliser can be easily applied with spreaders or by hand.

PACKAGING

The product is packed in 25 kg net bags (PE) on pallets protected by plastic wrap, big bags (PP with inner lining), or in bulk.



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Elixir Supreme

Crop use and Application Rates

| Crop | Suggested Application Rate (kg/ha) of Elixir Supreme |
|--|---|
| Apples, Pears, Plums, Cherry | New trees 300kg/ha at planting, Established crops, 400-800 kg/ha at bud burst |
| Blueberries | 200kg/ha as a spring applied base dressing |
| Brassicas, Broccoli, Brussel Sprouts, Cabbage, Calabrese, Cauliflower, Chinese cabbage | 875-1250 kg/ha as a base dressing |
| Potato | Up to 1250 kg/ha in the seedbed. Depends on soil analysis/Variety requirements |
| Sugar beet | Up to 875kg/ha in the seedbed. Depends on soil analysis/Variety requirements |
| Carrots | 375-625 kg/ha as a base dressing |
| Onions | 375-625 kg/ha as a base dressing |
| Leeks and Beans (French and Runner) | 875kg/ha as a base dressing |
| Celery, Cucumber - field grown | 375 – 625 kg/ha as a base dressing |
| Lettuce –field grown | 416 kg/ha applied as a base dressing |
| Amenity Turf | Apply at 3-4 week intervals from April to October at 25-35 g/m ² (250-350 kg/ha). For best results it is recommended to irrigate after application. |
| Grass for silage/hay | Apply 500 kg/ha (8 x 25kg bags per acre) in mid/late March or April |
| Grass for grazing, including horse and pony paddocks | Apply 250 kg/ha (4 x 25kg bags per acre) in mid/late March or April. Allow 10 days before grazing or until the prills have dissolved and no longer visible. Avoid application during hot dry conditions. Follow up with a further application in August or September if required. |
| Trees and Conifers incl. Christmas Trees | 1-3 year old trees – 250-400 kg/ha 4 year old onwards – 400-600 kg/ha Applied as a spring dressing. |



Available in 25kg and 600 kg pack sizes.