
OUR GENUINELY DUTCH FERTILIZERS, DEN QANAT, CARRY A SIMPLE PROMISE:
TO NOURISH CROPS AND CARE FOR THE PLANET.

DEVELOPED WITH FUTURE-FOCUSED FORMULATIONS, THESE FERTILIZERS ENHANCE NUTRIENT EFFICIENCY AND SUPPORTS LONG-TERM AGRICULTURAL RESILIENCE.

WHETHER IN OPEN FIELDS OR CONTROLLED SYSTEMS SUCH AS GREENHOUSES, IT EMPOWERS FARMERS TO GROW MORE WITH LESS!

**LESS WASTE, MORE RETURN!**

# SINGLE ELEMENT FERTILISERS

## SUITABLE FOR ORGANIC PRODUCTION

***Qanat MAGNUM***
***Magnesium (MgO) 5%***

Magnesium is absorbed by the roots of the plant as magnesium ion (Mg2+). The magnesium ion plays an important role in the development chlorophyll, which gives the leaves on plants a healthy green color.
With a good intake, the magnesium content in a plant can rise to 3%.
Due to the natural origin the nutrient content may vary.

**Benefits**

- Very suitable for use in irrigation systems
- Can be administered as leaf fertilizer
- Stimulates the production of chlorophyll
- Constant dry matter content in emerging leaves
- Stimulates enzymatic processes in the plant
- Promotes crop growth

## Composition

| | % w/w |
|---|---|
| Magnesium (MgO) | 5% |
| Sulfur (SO3) | 10% |
| Amino acids | 1% |
| Organic matter | 15% |

## Packaging

| | Amount (Litre) |
|---|---|
| Bottle | 0.25, 0.5, 1 |
| Can | 10, 20 |
| Drum | 220 |
| IBC | 1000 |

## Properties

| | |
|---|---|
| Colour | Light brown |
| pH | 4.5 – 5 |
| Specific gravity (g/cc) | 1.1 – 1.12 |

## Storage

Store in a dark and dry location at 10 – 25 °C.

Shelf life 1.5 – 2 years.

It is advised to always have an expert make a fertilization plan and to start with a test application. No guarantees can be given in the event of incorrect use.

| Application | Dose | Indication |
|---|---|---|
| Irrigation | 20 – 25 l/ha | Up to 4 – 8 applications, or follow recipe |
| Foliar application | 4 – 5 cc/liter | Up to 2 – 5 applications |

| CROP | APPLICATION |
|---|---|
| Vegetables | During the vegetative development of the crops, or follow recipe |
| Cotton | During the vegetative development of the crops, or follow recipe |
| Corn | During the vegetative development of the crops, or follow recipe |
| Citrus and fruit trees | During the vegetative development of the crops, or follow recipe |
| Grapevine and olive | During the vegetative development of the crops, or follow recipe |
| Ornamental | During the vegetative development of the crops, or follow recipe |
| Potato | During the vegetative development of the crops, or follow recipe |

## *Qanat CALYUM*
## *Calcium (CaO) 8%*

CALYUM is unique because it is highly concentrated and suitable for use in organic production. It prevents and corrects calcium deficiencies in a wide range of crops. Due to the unique production process, the nutrients are 100% present in solution and can therefore be taken up directly by the plant through foliar application as well as irrigation. The product is fully made from plant-based materials and approved for use in organic agri- and horticulture. The ingredients are partly sourced from agricultural residual streams.

**Benefits**

- Constant fruit development
- Improves fruit firmness
- Increases fruit quality
- Excellent calcium absorption by the plant
- Facilitates calcium mobility
- The calcium is 100% absorbable

## Composition

| | % w/w |
|---|---|
| Calcium (CaO) | 8% |
| Calcium (Ca) | 5.7% |
| Organic matter | 10% |

## Packaging

| | Amount (Litre) |
|---|---|
| Bottle | 0.25, 0.5, 1 |
| Can | 5, 10, 20 |
| Drum | 220 |
| IBC | 1000 |

## Properties

| | |
|---|---|
| Colour | Light brown |
| pH | 5 – 6 |
| Density (kg/l) | 1.12 – 1.14 |

## Storage

Store in original closed container.

Store in a dark and dry location at 10 – 25 °C.

Shelf life 1.5 – 2 years.

CALYUM is suitable for use on all crops through foliar application and irrigation. When used as primary fertiliser, the application is equal to mineral fertilisers. It is recommended to use the product weekly to promote plant resilience.

It is advised to always have an expert make a fertilisation plan and to start with a test application. The exact application depends on the soil conditions and the crop. No guarantees can be given in the event of incorrect use. Always carry out a test mixing and test application when combining with other products! Always thoroughly stir the product before use!

| APPLICATION | | DOSE | DOSAGE |
|---|---|---|---|
| FOLIAR APPLICATION | | 2 – 3 ml/liter | 2 – 8 applications with an interval of 1-3 weeks |
| IRRIGATION | VEGETABLES | 2.5 – 10 liter/ha | Every 1 – 2 weeks |
| | FLOWERS AND PLANTS, CITRUS, ORCHARD, BANANA | 5 – 15 liter/ha | 2 – 5 applications |

| CROP | APPLICATION |
|---|---|
| Vegetables | Weekly during vegetative growth, fruit formation and hydric stress. |
| Cotton | Weekly applications from just before bloom until the last bud has developed. |
| Corn | 3-4 applications every 7-15 days from bloom until the last bud has developed. |
| Citrus and fruit trees | Start from the formation of the first leaves or buds. Repeat every 5-17 days. |
| Grapevine and olive | Every 7-15 days from bloom until fruit formation. |
| Ornamental | Apply weekly, especially during bud formation. |
| Potato | During development of tubers, especially in sandy soils and at the end of the vegetative stage. |

# TRACE ELEMENT FERTILISERS

## ESSENTIAL NUTRITION SUPPLEMENTS

## *Qanat FERRO WSP*
## *Iron (Fe) 13%*

FERRO WSP is an Iron micronutrient supplement. It is organically stabilized and is a great Iron source for any crop. The product is easily soluble, very stable in solution, easily absorbable by the plant and suitable for all modern irrigation systems.

**Benefits**

- UV-treatment friendly
- No clay sedimentation in the irrigation water
- Stable in a wide pH range until a pH of 10
- Free of sodium and clay and not affecting greenhouse equipment
- Compatible with modern irrigation systems
- Prevents Iron chlorosis
- Easy nutrient uptake

## Packaging

| | Content (kg) |
|---|---|
| Ziplock bag | 5,0 |
| Pallet | Various options |

## Properties

| | |
|---|---|
| Appearance | Powder |
| Colour | Off-white |
| pH | Stable until > 10 pH |

## Storage

Iron Powder has to be stored in original packaging with the seal tightly closed. Store dry and dark in an area with temperatures from 10 to 30°C.
The shelf life is 1,5 – 2 years.

It is advised to always have an expert make a fertilisation plan and to start with a test application. The exact dosage depends on the soil conditions and the crop. No guarantees can be given in the event of incorrect use.

General application rate: 1 – 2 kg/ha.

Between 5 and 15 gram per 1000 litre water for vegetables (10 / 30 µmol)

1kg Qanat FERRO WSP replaces 2kg of traditional Eddha 6% Iron.

**Preparing the A-tank (fertilizer stock tank).**
Bring the pH to 4 and then slowly add the Qanat Iron powder. If the pH goes lower than 4 with the Iron Powder, use Potassium carbonate to raise the pH back up to 4.
Note* As an alternate, you can use tap water with carbonates.

**The average dose is:**
1 kg Qanat Iron Powder in a 1000 liters stock tank solution, this is good for 100,000 liters of irrigation water.
8 kg Qanat Iron Powder in 1000 gallons stock tank solution, is good for 100,000 gallons of irrigation water.

## *Qanat BORION*
## *Boron (B) 4,7%*

BORION is a concentrated boron micronutrient. Due to the unique production process, the nutrients are 100% present in solution and can therefore be taken up directly by the plant. The product is allowed for use in organic agri- and horticulture.
Boron is important for transporting assimilates in the plant and has an important role in cell division. It ensures a stronger attachment of the fruit and promotes the formation of shoots. Boron regulates the calcium absorption. The lack of boron resembles iron deficiency. The shelf life of bamboo is improved using boron. This technique is used widely. Boron is easily captured on heavy soils such as clay. On light soils it is easily rinsed out.

**Benefits**

- Suitable for use in irrigation systems
- Can be administered through leaf application
- Improves the colour intensity of the flower
- Stimulates enzymatic processes in the plant
- Promotes the growth of the crop

## Composition

| | % w/w |
|---|---|
| Boron (B) | 4.7% |

## Properties

| | |
|---|---|
| Colour | Transparent – Light yellow |
| pH | 13.5 – 14 |
| Density (kg/l) | 1.40 |

## Packaging

| | Amount (Litre) |
|---|---|
| Bottle | 0.25, 0.5, 1 |
| Can | 5, 10, 20 |
| Drum | 220 |
| IBC | 1000 |

## Storage

Store in original closed container.

Store in a dark and dry location at -10 – 30 °C.

Shelf life 1.5 – 2 years.

BORION can be used on all crops through foliar application and irrigation. It is advised to always have an expert make a fertilisation plan and to start with a test application. The exact dosage depends on the soil conditions and the crop. No guarantees can be given in the event of incorrect use. Always carry out a test mixing and test application when combining with other products!

| Application | Dose | Indication |
|---|---|---|
| Irrigation | 6 – 10 l/ha | Up to 4 – 6 applications or follow recipe |
| Foliar application | 5 – 10 cc/liter | Up to 4 – 6 applications |

| Crop | Application |
|---|---|
| Vegetables | After planting and during fruit development (fruit setting) |
| Cotton | After planting and during fruit development (fruit setting) |
| Corn | After planting and during fruit development (fruit setting) |
| Citrus and fruit trees | After planting and during fruit development (fruit setting) |
| Grapevine and olive | After planting and during fruit development (fruit setting) |
| Ornamental | After planting and during the development of the flower |
| Potato | After planting and during fruit development (fruit setting) |

## *Qanat MANGAN*
## *Manganese (Mn) 6%*

MANGAN is a concentrated single manganese fertiliser, based on lignosulphonic acid and part of our liquid organic single fertilizer line. Due to the unique production process, the nutrients are 100% present in solution and can therefore be taken up directly by the plant. The product is fully made from plant-based materials and certified for use in organic agri- and horticulture. The ingredients are partly sourced from agricultural waste. Due to the natural origin the nutrient content may vary.
MANGAN improves the photosynthesis of the crops. It manages enzymes which are responsible for green leaves. A shortage of manganese in the soil causes a pale green discolouration and speckled sports on the plant. Use Manganese preventative for optimal growth and curative when manganese deficiency occurs in the crop. Manganese creates strong cellular walls. Manganese therefore increases resistance against fungal diseases. The absorption of manganese is highly dependent on a correct pH value of the soil. Manganese has an antagonistic effect on iron.


### Benefits

- Prevents necrosis
- Very suitable for use in irrigation systems
- Can be administered as leaf fertilizer
- Direct and quick uptake
- Prevents manganese deficiency
- Increases resistance against stress conditions
- Higher cellulair division

## Composition

| | % w/w |
|---|---|
| Manganese (Mn) Complexed by ligno-sulphonic acids | 6% |

## Properties

| | |
|---|---|
| Colour | Dark brown |
| pH | 7 |
| Specific gravity (g/cc) | 1.29 |

## Packaging

| | Amount (Litre) |
|---|---|
| Bottle | 0.25, 0.5, 1 |
| Can | 10, 20 |
| Drum | 220 |
| IBC | 1000 |

## Storage

Store in a dark and dry location at 10 – 30 °C.

Shelf life 1.5 – 2 years.

It is advised to always have an expert make a fertilization plan and to start with a test application. No guarantees can be given in the event of incorrect use.

| Application | Dose | Indication |
|---|---|---|
| Irrigation | 2 – 3,5 l/ha | Up to 4 – 8 applications, or follow recipe |
| Foliar application | 2,5 – 4 cc/liter | Every two weeks |

| Crop | Application |
|---|---|
| Vegetables | 1,5 – 3 liter/ha every 7 days, dripping 1,5 -2.0 liter/ha |
| Cotton | 1,5 – 3 liter/ha |
| Corn | 1 – 2 liter/ha |
| Citrus and fruit trees | 1,5 – 3,5 liter/ha every 10 days till the crop has recovered |
| Grapevine and olive | 1,5 – 2,5 liter/ha in 400 liter water |
| Ornamental | 2,5 – 3,5 liter/ha in a mininmum of 400 lts water, dripping 2 – 3 liter/ha |
| Potato | 1,5 – 2,5 liter/ha every 10 days till the crop has recovered |

***Qanat BORION***
***Copper (Cu) 5%***

CUPRA is a concentrated copper fertiliser complexed with lignosulphonic acid and part of our liquid organic single fertiliser line. Due to the unique production process, the nutrients are 100% present in solution and can therefore be taken up directly by the plant. The product is allowed for use in organic agri- and horticulture.
Copper is an essential element in photosynthesis. In the absence of copper, young leaves will curl, hang limp and get a faint blue glow. This is easily prevented by applying a proper fertilisation scheme, but can also be corrected by adding extra copper. The correct application of CUPRA ensures an increased resistance of the plant. This is due to optimum formation of lignin, which ensures a watertight cell wall.

**Benefits**

- Suitable for use in irrigation systems
- Can be administered as leaf fertiliser
- Prevent and correct copper deficiency

## Composition

| | % w/w |
|---|---|
| Copper (Cu) Complexed by ligno-sulphonic acids | 5.0% |

## Properties

| | |
|---|---|
| Colour | Dark brown |
| pH | 4 |
| Density (kg/l) | 1.21 |

## Packaging

| | Amount (Litre) |
|---|---|
| Bottle | 0.25, 0.5, 1 |
| Can | 5, 10, 20 |
| Drum | 220 |
| IBC | 1000 |

## Storage

Store in a dark and dry location at 5 – 30 °C.

Shelf life 1.5 – 2 years.

CUPRA can be used on all crops through foliar application and irrigation. When used as primary fertiliser, the application is equal to mineral fertilisers. It is advised to always have an expert make a fertilisation plan and to start with a test application. The exact dosage depends on the soil conditions and the crop. No guarantees can be given in the event of incorrect use. Always carry out a test mixing and test application when combining with other products!

***Qanat MOLYO***
***Molybdenum (Mo) 4.1%***

MOLYO is a concentrated single molybdenum fertiliser and part of our liquid organic single fertilizer line. Due to the unique production process, the nutrients are 100% present in solution and can therefore be taken up directly by the plant. The product is fully made from plant-based materials and certified for use in organic agri- and horticulture. The ingredients are partly sourced from agricultural waste. Due to the natural origin the nutrient content may vary.
Molybdenum is essential for the growth of a plant. It enables the formation of various essential enzymes, which regulate the protein formation in the plant. Molybdenum also ensures the absorption of nitrogen from the atmosphere. A correct value of molybdenum has a positive effect on the color intensity. Too much molybdenum causes displacement of copper, which results in crops with yellow coloured leaves.

**Benefits**

- Very suitable for use in irrigation systems
- Can be administered as leaf fertilizer
- Stimulates the production of protein
- Stimulates enzymatic processes in the plant
- Promotes growth and flowering
- Promotes nitrogen conversion

## Composition

| | % w/w |
|---|---|
| Molybdenum (Mo) | 4.1% |

## Properties

| | |
|---|---|
| Colour | Light yellow |
| pH | 6 – 10 |
| Specific gravity (g/cc) | 1.08 |

## Packaging

| | Amount (Litre) |
|---|---|
| Bottle | 0.25, 0.5, 1 |
| Can | 10, 20 |
| Drum | 220 |
| IBC | 1000 |

## Storage

Store in a dark and dry location at 5 – 30 °C.

Shelf life 1.5 – 2 years.

It is advised to always have an expert make a fertilization plan and to start with a test application. No guarantees can be given in the event of incorrect use.

| Application | Dose | Indication |
|---|---|---|
| Irrigation | 2 – 5 l/ha | Follow recipe |
| Foliar application | 0.75 cc/liter | Every crop cycle |

| Crop | Application |
|---|---|
| Vegetables | 0,75 lts/ha, from the stadium with 4-6 leaves until maturity of the crops. Repeat in case of serious deficiency. |
| Cotton | 0,75 lts/ha, from the stadium with 4-6 leaves until maturity of the crops. Repeat in case of serious deficiency. |
| Corn | 0,75 lts/ha, from the stadium with 4-6 leaves until maturity of the crops. Repeat in case of serious deficiency. |
| Citrus and fruit trees | 0,75 lts/ha, from the stadium with 4-6 leaves until maturity of the crops. Repeat in case of serious deficiency. |
| Grapevine and olive | 0,75 lts/ha, from the stadium with 4-6 leaves until maturity of the crops. Repeat in case of serious deficiency. |
| Ornamental | 0,75 lts/ha, from the stadium with 4-6 leaves until maturity of the crops. Repeat in case of serious deficiency. |
| Potato | 0,75 lts/ha, from the stadium with 4-6 leaves until maturity of the crops. Repeat in case of serious deficiency. |

***Qanat ZINTRA***
***Zinc (Zn) 7.5%***

ZINTRA is a concentrated zinc fertiliser complexed with lignosulphonic acid and part of our liquid organic single fertiliser line. Due to the unique production process, the nutrients are 100% present in solution and can therefore be taken up directly by the plant. The product is allowed for use in organic agri- and horticulture.
Zinc is especially important for emerging crops. It provides a healthy stimulation of root growth (auxins). In soils with a high pH and a high lime content, there is often not enough zinc available. Zinc uptake is also disrupted in an acidic soil with an above-average amount of organic matter. Zinc ensures that the resistance to, among other things, scabies is increased.
Apply to perennial crops after harvest, but before leaf discoloration.
Apply to annual plants during the vegetative phase.

## Benefits

- Very suitable for use in irrigation systems
- Can be administered as leaf fertiliser
- Promotes the root growth of the crop
- Increases resistance to scabies

## Composition

| | % w/w |
|---|---|
| Zinc (Zn) Complexed by ligno-sulphonic acids | 7.5% |

## Properties

| | |
|---|---|
| Colour | Dark brown |
| pH | 5.5 |
| Density (kg/l) | 1.31 |

## Packaging

| | Amount (Litre) |
|---|---|
| Bottle | 0.25, 0.5, 1 |
| Can | 5, 10, 20 |
| Drum | 220 |
| IBC | 1000 |

## Storage

Store in a dark and dry location at 10 – 30 °C.

Shelf life 1.5 – 2 years.

ZINTRA can be used on all crops through foliar application and irrigation. When used as primary fertiliser, the application is equal to mineral fertilisers. It is advised to always have an expert make a fertilisation plan and to start with a test application. The exact dosage depends on the soil conditions and the crop. No guarantees can be given in the event of incorrect use. Always carry out a test mixing and test application when combining with other products!

| Application | Dose | Indication |
|---|---|---|
| Irrigation | 4 l/ha | Follow recipe |
| Foliar application | 3 – 4 ml/liter | Up to 10 – 15 applications |

| Crop | Application |
|---|---|
| Vegetables | 3 – 4 liter/ha, in the vegetative stage of the crops |
| Cotton | 3 – 4 liter/ha, in the vegetative stage of the crops |
| Corn | 3 – 4 liter/ha, in the vegetative stage of the crops |
| Citrus and fruit trees | 3 – 4 liter/ ha. If needed, repeat after 10-14 days |
| Grapevine and olive | 3 – 4 liter/ ha. If needed, repeat after 10-14 days |
| Ornamental | 3 – 4 liter/ha, in the vegetative stage of the crops |
| Potato | 3 – 4 liter/ha, in the vegetative stage of the crops |

## *Qanat T-COMPLEX*
## *Combo of all essential trace elements*

T-COMPLEX contains all the necessary trace elements for a good basis for every crop. The trace elements are essential for regulating enzymatic processes in the plant. For sensitive plants T-COMPLEX prevents a shortage of trace elements in the soil, which helps preventing defects. Because of its composition, this solution can be used in combination with almost all other fertilizers. In case of leaf fertilization, test spraying is recommended.

### Benefits

- Very suitable for use in irrigation systems
- Can be administered as leaf fertilizer
- Stimulates the production of chlorophyll
- Stimulates enzymatic processes in the plant
- Promotes growth of the crops
- Promotes the nitrogen conversion
- Increases resistance against stress conditions
- Higher cellular division

## Composition

| | % w/w |
|---|---|
| Boron (B) | 0.28% |
| Copper (Cu) | 0.46% |
| Iron (Fe) | 0.91% |
| Manganese (Mn) | 1.37% |
| Molybdenum (Mo) | 0.008% |
| Zinc (Zn) | 0.91% |

## Properties

| | |
|---|---|
| Colour | Dark brown |
| pH | 5 |
| Specific gravity (g/cc) | 1.17 |

## Packaging

| | Amount (Litre) |
|---|---|
| Bottle | 0.25, 0.5, 1 |
| Can | 10, 20 |
| Drum | 220 |
| IBC | 1000 |

## Storage

Store in a dark and dry location at 10 – 25 °C.

Shelf life 1.5 – 2 years.

It is advised to always have an expert make a fertilization plan and to start with a test application. No guarantees can be given in the event of incorrect use.

| Application | Dose | Indication |
|---|---|---|
| Irrigation | 5 – 8 l/ha | Every week, or follow recipe |
| Foliar application | 4 – 6 cc/liter | Every two weeks |

| Crop | Application |
|---|---|
| Vegetables | 3,5 – 7 lts/ha every 7 days, dripping 1,5 -2.0 ltrs/ha |
| Cotton | 3,5 – 7 lts/ ha |
| Corn | 2,5 – 5 lts/ ha |
| Citrus and fruit trees | 3,5 – 7 lts/ ha every 10 days till the crop has recovered |
| Grapevine and olive | 3,5 – 7 lts/ha in 400 lts/ water |
| Ornamental | 6 – 8 lts/ha in a min of 400 lts water, dripping 2 – 3lts/ha |
| Potato | 3,5 – 7 lts/ha every 10 days till the crop has recovered |

# BIOSTIMULANTS
## STIMULATE PLANT GROWTH

## *Qanat STIMULA*

### *Enhances fruit quality and plant resistance*

STIMULA is a liquid organic fertilizer that supports the plant's maintenance, growth, vitality and reproduction through its amino acids content. Due to the natural origin it contains a high concentration of nitrogen, amino acid and organic matter. The fulvic acid increases the uptake of the amino acids and the plant extracts have an antioxidant effect. All of this gives the plant more energy and resistance, resulting in improved colour, larger leaves, a finer and more active root system, more flowers, more and/or larger fruit and a stronger crop in general. It is also effective in supporting the plant to recover from stress conditions.
STIMULA is made from selected cat. 3 animal proteins, fulvic acids and plant extracts and approved for use in organic agri- and horticulture.

**Benefits**

Higher productivity and crop quality
Improves plant growth
Increases resistance against stress conditions
Larger fruits of higher quality
Better root system
Higher cellular division
Better metabolic and enzymatic activity
Supports stress recovery

## Composition

| | % w/w |
|---|---|
| Total nitrogen (N) | 3.8% |
| Organic nitrogen | 3.8% |
| Chlorine (Cl) | <0.5% |
| Organic matter | 30% |
| Total organic carbon | 15% |
| Fulvic acids | 1% |
| Total amino acids | 22% |
| Free l-α-amino acids | 15% |

## Packaging

| | Amount (Litre) |
|---|---|
| Bottle | 0.25, 0.5, 1 |
| Can | 10, 20 |
| Drum | 220 |
| IBC | 1000 |

## Properties

| | |
|---|---|
| Colour | Dark brown |
| pH | 4.8 – 5.8 |
| Density (kg/l) | 1.13 – 1.17 |

## Storage

Store in a dark and dry location at 10 – 25 °C.

Shelf life 1.5 – 2 years.

It is advised to always have an expert make a fertilization plan and to start with a test application. No guarantees can be given in the event of incorrect use. Best results are obtained through irrigation. Biota Mino Plus should be used in the early morning or late evening.

| Application | Dose | Dosage |
|---|---|---|
| Foliar | 1.5 – 4 liter/ha in 500 – 1000 liter water | Every 10 – 15 days during growth period. Higher dosage possible when needed. |
| Drip irrigation | 3 – 6 liter/ha | |

| CROP | APPLICATION |
|---|---|
| Corn | Every 7-10 days from budding until blooming. Use when nitrogen fertilization is required. |
| Cotton | Every 15 days from budding until blooming. Use when needed for crop stimulation (stress). |
| Citrus and fruit trees | 4 applications: 2 at budding and 2 during budburst. |
| Vegetables and cut flowers | 4 – 6 applications from the start of the crop, dependent on stress and development. |
| Grapevine and olive | Use before bloom and when needed for crop stimulation (stress). |

## *Qanat ZEON*

### *Enhances a vigorous rooting system*

ZEON is a liquid fertilizer made from organic materials suitable for organic farming. No animal or animal-derived products have been used to produce this fertilizer.

**Benefits**

- Better rooting system
- Improves resistance to stress conditions
- Better metabolic and enzymatic activity
- Higher cellular division

## Composition

| | % w/w |
|---|---|
| Total nitrogen (N) | 2% |
| Organic nitrogen | 2% |
| Potassium (K2O) | 3% |
| Organic matter | 37% |
| Total amino acids | 5% |

## Packaging

| | Amount (Litre) |
|---|---|
| Bottle | 0.25, 0.5, 1 |
| Can | 10, 20 |
| Drum | 220 |
| IBC | 1000 |

## Storage

Store in a dark and dry location at 10 – 25 °C.

Shelf life 1.5 – 2 years.

## Properties

| | |
|---|---|
| Colour | Dark brown |
| pH | 5 – 7 |
| Density (kg/l) | 1.26 – 1.36 |

It is advised to always have an expert make a fertilization plan and to start with a test application. No guarantees can be given in the event of incorrect use. Best results are obtained through irrigation. ZEON should be used in the early morning or late evening.

| Application | Dose | Dosage |
|---|---|---|
| Root Application | 2.5 ml/liter | Weekly |
| Drip irrigation | 1 – 5 liter/ha | Up to 4 – 8 applications |
| Surface irrigation | 5 – 10 liter/ha | Up to 4 – 6 applications |