



FERTILIZER CATALOG

**A
GOOD
EXPERIENCE**

*LET'S MAKE FARMING
MORE PRODUCTIVE AND
MAKE PRODUCTION
MORE COST EFFECTIVE*





Vision & Mission

Felixper is based on flexibility to deliver a wide range of fertilizers to the farmers all around the world. Located in Germany and working with key R&D and generic suppliers, our mission is to maintain high quality for our products and to build a lasting partnership with our partners and distributors.

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Potassium Sulfate

General Information:

- Fully water-soluble and crystallized powder potassium sulphate
- Makes a non-turbid water solution without any residue
- Extremely low chloride content
- Suitable for application through different fertigation systems
- The best option where high potassium contents are required
- Suitable for crops with high sulfur requirement
- When applied during the fruit ripening period, it gives bigger fruits with higher quality, color and flavor



Available packages | 25 kg
50 kg
Big bag

Component	Concentration (w/w)
K₂O	50%
SO₃	43%

Appearance: White crystallized powder



Calcium Nitrate

General Information:

- Fully water-soluble and granular calcium nitrate
- Makes a non-turbid water solution without any residue
- With high purity and extremely low Cl and heavy metals content
- Suitable for application through different fertigation systems
- Calcium is the most effective element on cell wall structure that prolongs shelf life of the fruits
- Due to low mobility of calcium in plants, this element must be supplied to the plants regularly in the required times
- Felixper calcium nitrate application prevents physiological disorders like bitter pit in plants



Available packages | 25 kg
50 kg
Big bag

Component	Concentration (w/w)
Total N	15.5%
CaO	27%

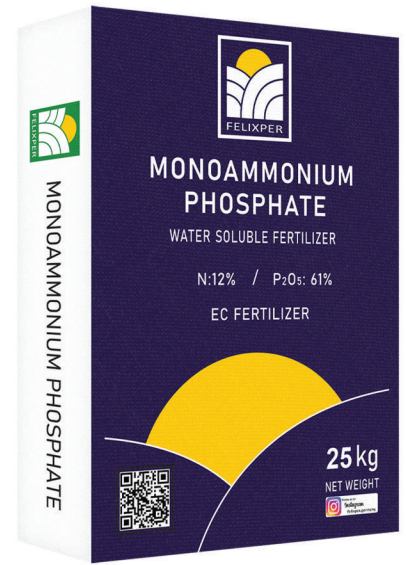
Appearance: White granules 2-4 mm



Monoammonium Phosphate

General Information:

- Fully water-soluble and crystallized powder monoammonium phosphate
- Makes a non-turbid water solution without any residue
- With high purity and extremely low Cl and heavy metals content
- Suitable for application through different fertigation systems
- Contains the highest P content among common fertilizers that helps root growth and development during the early growth stages
- Suitable for crops with high phosphorus requirement
- The nitrogen in this product helps in meeting crops N requirement



Available packages | 25 kg
50 kg
Big bag

Component	Concentration (w/w)
N	12%
P₂O₅	61%

Appearance: White crystallized powder



Monopotassium Phosphate

General Information:

- Fully water-soluble and crystallized powder monopotassium phosphate
- Makes a non-turbid water solution without any residue
- With high purity and extremely low Cl and heavy metals content
- Suitable for application through different fertigation systems
- Monopotassium phosphate is a nitrogen free fertilizer which is suitable for the situations that phosphorus and potassium are needed at the same time but there is a limitation to use nitrogen
- Suitable for crops with high phosphorus requirement
- Improves root and shoot growth at early growth stages



Available packages | 25 kg
50 kg
Big bag

Component	Concentration (w/w)
K₂O	34%
P₂O₅	52%

Appearance: White crystallized powder



Urea Phosphate

General Information:

- Fully water-soluble and crystallized powder urea phosphate
- Makes a non-turbid water solution without any residue
- With high purity and extremely low Cl and heavy metals content
- Suitable for application through different fertigation systems
- Due to acidic pH, it is suitable for preparing fertilizers blends, it improves the situation of alkaline soils and also it cleans the nozzles and drippers in fertigation systems
- Suitable for crops with high phosphorus requirement



Available packages | 25 kg
50 kg
Big bag

Component	Concentration (w/w)
N	17%
P₂O₅	44%

Appearance: White crystallized powder



Magnesium Sulfate (Heptahydrate)

General Information:

- Fully water-soluble and 1-3 mm crystal magnesium sulfate
- Makes a non-turbid water solution without any residue
- With high purity and extremely low Cl and heavy metals content
- Suitable for application through different fertigation systems
- Magnesium has a critical structural role in chlorophyll and is essential for photosynthesis
- Presence of magnesium and sulfate in this product makes it a suitable product for early growth stages



Available packages | 25 kg
50 kg
Big bag

Component	Concentration (w/w)
MgO	16%
S	13%

Appearance: White crystal 1-3 mm



Magnesium Nitrate

General Information:

- Fully water-soluble and flake form magnesium nitrate with low risk of cacking
- Makes a non-turbid water solution without any residue
- With high purity and extremely low Cl and heavy metals content
- Suitable for application through different fertigation systems
- Magnesium has a critical structural role in chlorophyll and is essential for photosynthesis and greenness of the leaves
- A suitable product to supply plants demand for magnesium and nitrogen during the early growth stages.



Available
packages

25 kg
50 kg
Big bag

Component	Concentration (w/w)
MgO	15/4%
N	10/8%

Appearance: White flake



Zinc Sulfate (Monohydrate)

General Information:

- Fully water-soluble and powder form zinc sulfate
- Makes a non-turbid water solution without any residue
- With high purity and extremely low Cl and heavy metals content
- Suitable for application through different fertigation systems
- Zinc has vital role in activation of enzymes and synthesis of proteins. It also has a structural role in integrity of biological membranes
- Zinc sulfate is the most commonly used Zn fertilizer around the world
- Zinc is also an important element in human health so supplying enough Zn to plants can finally improve human health through biofortification process



Available packages | 25 kg
50 kg
Big bag

Component	Concentration (w/w)
Zn	34%
S	17%

Appearance: White powder



Manganese Sulfate (Monohydrate)

General Information:

- Fully water-soluble and powder form manganese sulfate
- Makes a non-turbid water solution without any residue
- With high purity and extremely low Cl and heavy metals content
- Suitable for application through different fertigation systems
- Manganese sulfate is the most common type of Mn containing fertilizer in the market
- Manganese acts in plants as the activator of enzymes and also has a role in oxygen production during the photosynthesis
- Soybean, grains, peanut and different types of beans are more sensitive to Mn deficiency



Available packages | 25 kg
50 kg
Big bag

Component	Concentration (w/w)
Mn	32%
S	18%

Appearance: White powder



NPK

General Information:

- Fully water-soluble and powder form NPKs in different formulations
- Makes a non-turbid water solution without any residue
- With high purity, free of Cl and extremely low heavy metals content
- Suitable for application through different fertigation systems
- Simultaneous supply of three macroelements to plants
- Suitable for throughout the growth season as these NPKs are produced in different formulations with high N, high P and high K analyses
- In addition to N, P and K, this range of products contains high quality microelements in EDTA form that helps the supply of microelements to the plants
- NPK application reduces the need for repeated agronomic practices in field as they supply plants with numerous macro and micro nutrients at the same time



Available
packages

2 kg
10 kg
25 kg

Component	Concentration (w/w)			
	20-20-20	15-5-30	10-52-10	12-12-36
Total N	20%	15%	10%	12%
P	20%	5%	52%	12%
K	20%	30%	10%	36%
Fe	0.02%	0.02%	0.02%	0.02%
Zn	0.02%	0.02%	0.02%	0.02%
Mn	0.02%	0.02%	0.02%	0.02%
Cu	0.01%	0.01%	0.01%	0.01%
B	0.01%	0.01%	0.01%	0.01%
Mo	0.001%	0.001%	0.001%	0.001%

Appearance: White powder



Fe EDDHA 6% (various ortho-ortho rates are available up to 6%)

General Information:

- Fully water-soluble and microgranule form iron chelate
- Makes a non-turbid water solution without any residue
- Suitable for application in soil and through different fertigation systems
- Stability of the chelate from pH range of 4-10
- The best option where there are adverse soil conditions like alkaline or high pH soils
- Correct the symptoms of deficiencies like chlorosis
- When applied early in the season, it promotes the production of chlorophyll and greener leaves that results in better photosynthesis, growth and yield.



Available packages | 1 kg
5 kg
10 kg

Component	Concentration (w/w)
Soluble Fe	6%
Fe EDDHA with ortho-ortho	various ortho-ortho rates are available up to 6%

Appearance: Dark brown to dark red microgranule



Mixture of Micronutrients

General Information:

- Fully water-soluble and green/pale brown microgranule fertilizer
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- The best option where deficiency of several elements is diagnosed or the symptoms cannot be related to the deficiency of a specific element
- Suitable for early growth stages that plants need high amount of micronutrients
- Provide plants with the most important micronutrients in a single application



Available | 1 kg
 packages | 5 kg
 | 10 kg

Component	Concentration (w/w)
Fe EDTA	7.4%
Mn EDTA	3.7%
Zn EDTA	1.1%
Cu EDTA	0.8%
Mo (water soluble)	0.5%

Appearance: Green/pale brown microgranule



Iron 13

General Information:

- Fully water-soluble and microgranule iron chelate fertilizer
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- Stability of Fe EDTA chelate between the pH of 4-10
- Iron has structural role in chlorophyll thus it is vital for photosynthesis
- Iron is the part of the enzymes which are used by nitrogen-fixing bacteria
- Prevents iron deficiency in plants and corrects deficiency symptoms quickly



Available packages | 1 kg
5 kg
10 kg

Component	Concentration (w/w)
Fe EDTA	13%

Appearance: Dark yellow microgranule



Zinc 15

General Information:

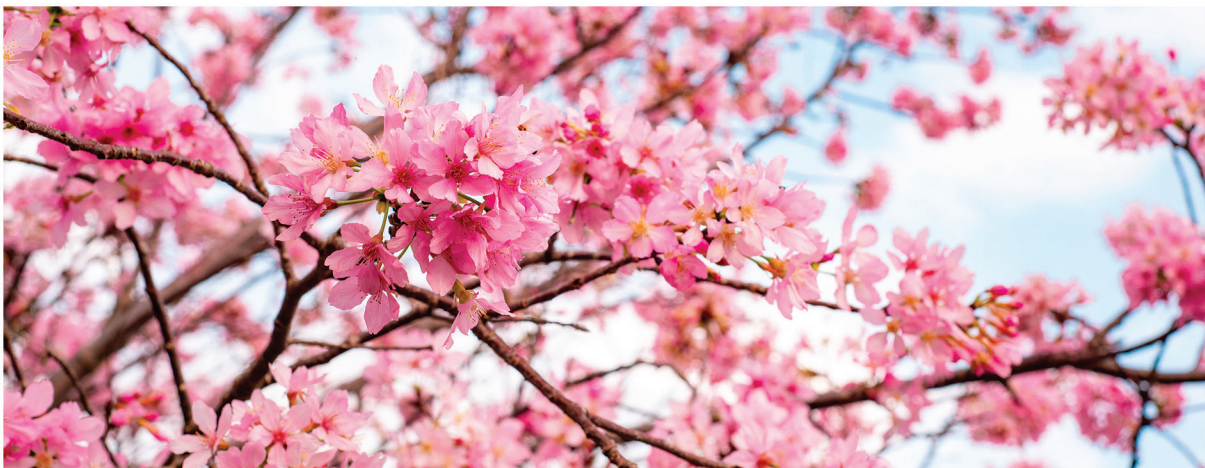
- Fully water-soluble and microgranule zinc chelate fertilizer
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- Stability of Zn EDTA chelate between the pH of 4-11
- Regulates and promotes hormonal and enzymatic activities in plants
- Prevents zinc deficiency in plants and corrects deficiency symptoms quickly
- Can be used in early growth stages to improve flowering and pollination
- Also can be used as a post harvest fertilizer to boost the flowering



Available packages | 1 kg
5 kg
10 kg

Component	Concentration (w/w)
Zn EDTA	15%

Appearance: White microgranule



Manganese 13

General Information:

- Fully water-soluble and microgranule manganese chelate fertilizer
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- Stability of Mn EDTA chelate between the pH of 4-11
- Regulates and activates enzymes in plants
- It is essential to photosynthesis reactions and is necessary in the production of oxygen molecules in photosynthesis
- It promotes the formation of lignin which in turn promotes the strength of the cell walls
- Prevents manganese deficiency in plants and corrects deficiency symptoms quickly



Available packages | 1 kg
5 kg
10 kg

Component	Concentration (w/w)
Mn EDTA	13%

Appearance: White microgranule



Copper 15

General Information:

- Fully water-soluble and microgranule copper chelate fertilizer
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- Stability of Cu EDTA chelate between the pH of 4-11
- Copper has a vital role in photosynthesis and respiration
- Copper supports lignin production and strengthens the cell wall that prevents cereals lodging
- Prevents copper deficiency in plants and corrects deficiency symptoms quickly



Available packages | 1 kg
5 kg
10 kg

Component	Concentration (w/w)
Cu EDTA	15%

Appearance: Blue microgranule



Solid Amino Acid 80%

General Information:

- Fully water-soluble and powder form amino acid
- Suitable for organic farming
- Suitable for application through different fertigation systems
- A mixture of 17 free amino acids with great nutritional effects
- Improves plant resistance to abiotic stresses
- When applied in soil, it contributes to the nutrition of soil microorganisms that finally improves soil conditions for plant growth
- Enhances the growth rate and yield in addition to fruits quality and taste



Available packages

1 kg
5 kg
10 kg

Component	Concentration (w/w)
Total nitrogen	13%
Free amino acids	80%

Appearance: Beige powder



Solid Humic Acid 70%

General Information:

- Fully water-soluble and black microgranule humic acid
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems
- High content of pure humic acid from leonardite
- Improves soil physico-chemical and biological conditions that favors root development
- Balances the pH of the soil and consequently improves nutrients absorption
- The best option in alkaline and saline soils where high pH prevents mobility and absorption of nutrients



Available packages | 1 kg
5 kg
10 kg

Component	Concentration (w/w)
Humic Acid	70%
K ₂ O	12.5%
Organic Carbon	40%

Appearance: Black microgranule



Solid Seaweed Extract 100%

General Information:

- Fully water-soluble and dark brown/black solid seaweed extract
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- 100% pure and without any additives
- High quality and organic biostimulant for plant growth
- Improves plant growth and yield and the quality of the fruits
- Improves plant resistance against biotic and abiotic stresses



Available | 1 kg
packages | 5 kg
10 kg

Component	Concentration (w/w)
Seaweed extract from <i>Ascophyllum nodosum</i>	100%
Alginic acid	10%
Mannitol	7%
N	1.5%
P ₂ O ₅	0.05%
K ₂ O	4%
S	9%
Mg	0.9%
Ca	1%

Appearance: Dark brown/black flakes, <2 mm



Solid Seaweed Extract 100% K+

General Information:

- Fully water-soluble and dark brown/black solid seaweed extract
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- 100% pure and without any additives
- High quality and organic biostimulant for plant growth
- Improves plant growth and yield and the quality of the fruits
- Improves plant resistance against biotic and abiotic stresses
- Contains high amount of potassium that results in higher quality and taste of fruits and also increase plants tolerance against cold stress



Available | 1 kg
packages | 5 kg
10 kg

Component	Concentration (w/w)
Seaweed extract from <i>Ascophyllum nodosum</i>	100%
Alginic acid	10%
Mannitol	7%
Betaines	0.1%
N	1.5%
P ₂ O ₅	0.05%
K ₂ O	21%
S	9%
Mg	0.9%
Ca	1%

Appearance: Dark brown/black flakes, <2 mm



Liquid Seaweed Extract 32%

General Information:

- Fully water-soluble and dark brown/black liquid seaweed extract
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- High quality and organic biostimulant for plant growth
- Improves plant growth and yield and the quality of the fruits
- Improves plant resistance against biotic and abiotic stresses



Available packages | 1 Liter
5 Liter
10 Liter

Component	Concentration (w/w)
Seaweed extract from <i>Ascophyllum nodosum</i>	32%
Alginic acid	5%
Mannitol	2%
N	0.4%
P ₂ O ₅	0.03%
K ₂ O	1%
S	2.5%
Mg	0.3%
Ca	0.3%

Appearance: Dark brown/black liquid



Colorina

General Information:

- Fully water-soluble and liquid potassium fertilizer
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- The best option where high potassium contents are required
- Presence of amino acid gives a synergistic effect on potassium function in plant
- Because of having sufficient potassium plus free amino acids and some of the micro and macroelements, this product improves the coloring of the fruits and their taste and flavor if applied during the ripening period



Available packages | 1 Liter
5 Liter
10 Liter

Component	Concentration (w/w)
K₂O	15%
MgO	1.5%
Fe EDTA	0.04%
Mn EDTA	0.04%
Zn EDTA	0.04%
Free amino acid	1.56%

Appearance: Brown liquid



Florina

General Information:

- Fully water-soluble and liquid plant growth promoter
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- The best combination for early growth stages, before/after flowering
- Phosphorus, boron and molybdenum are all the most important elements for flowering and pollination phase
- An especial hormone-free product for boost of flowering and fruit development



Available packages | 1 Liter
5 Liter
10 Liter

Component	Concentration (w/w)
P₂O₅	7.4%
B	2.2%
Mo	3%
Free amino acid	3%
Polysaccharide	0.7%

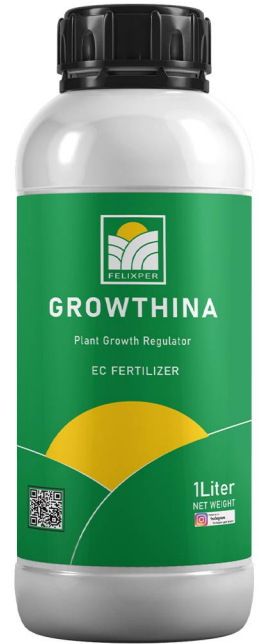
Appearance: Brown liquid



Growthina

General Information:

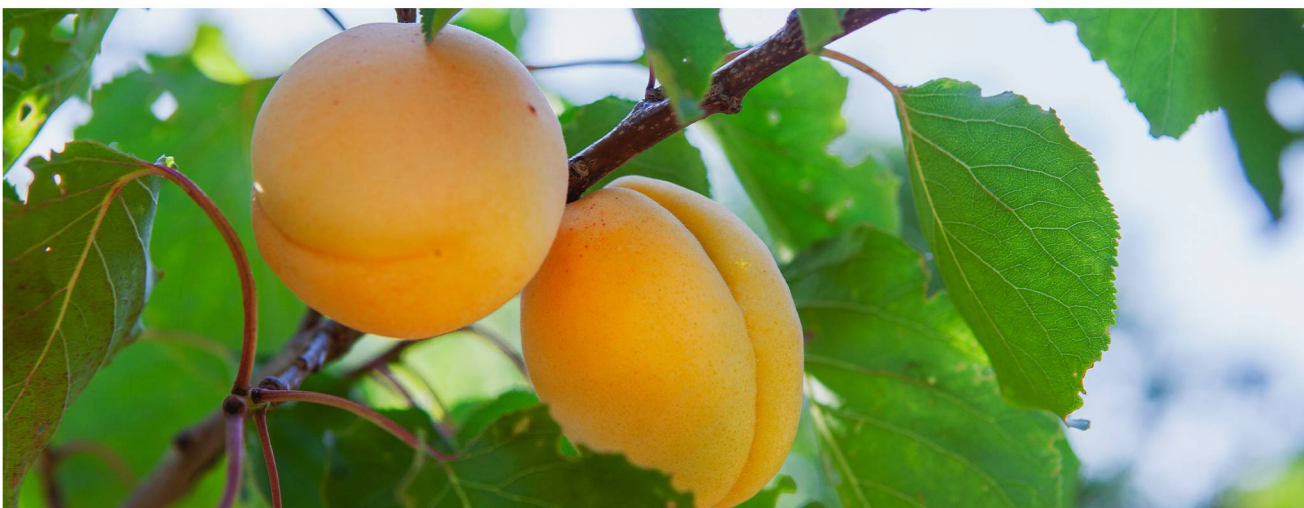
- Fully water-soluble and liquid amino acid
- Makes a non-turbid water solution without any residue
- High purity and plant origin amino acid
- Suitable for application through different fertigation systems and foliar application
- A natural bio-stimulant for plant metabolism and growth; Improving plant growth, yield and fruits quality
- Helps plant to survive stress conditions including biotic and abiotic stresses (drought, salinity, low/high temperature and heavy metals toxicity)



Available packages | 1 Liter
5 Liter
10 Liter

Component	Concentration (w/w)
Free amino acid	20%
Total N	7%
Organic N	4%
Ammonia N	3%

Appearance: Brown liquid



Fulvina

General Information:

- Fully water-soluble and liquid form of fulvic acid
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- Improves soil structure, water retention capacity, cation exchange capacity and biological properties
- Helps the growth and development of plant root system
- As a plant growth regulator, it increases plant growth, yield and color and taste of fruits and their size uniformity



Available packages | 1 Liter
5 Liter
10 Liter

Component	Concentration (w/w)
Fulvic acid	24%
Organic matter	28%
N	2.3%
P ₂ O ₅	3%
K ₂ O	2.3%

Appearance: Dark brown liquid



Rootina

General Information:

- Fully water-soluble and liquid form of fulvic acid
- Makes a non-turbid water solution without any residue
- Suitable for application through different fertigation systems and foliar application
- Improves soil structure, water retention capacity, cation exchange capacity and biological properties
- Helps the growth and development of plant root system
- As a plant growth regulator, it increases plant growth, yield and color and taste of fruits and their size uniformity



Available packages | 1 Liter
5 Liter
10 Liter

Component	Concentration (w/w)
N	3%
P ₂ O ₅	6%
K ₂ O	4%
Ca	1%
Mn	0.5%
Zn	0.5%
B	0.2%
Free amino acid	4.5%
Fulvic acid	2.5%

Appearance: Brown liquid



Potassium Phosphite

General Information:

- Fully water-soluble liquid fertilizer that leaves no residue
- Suitable for application through different fertigation systems and foliar application
- Highly efficient PK fertilizer that supplies plants with phosphorus and potassium at the same time
- The phosphorus in this product presents in the form of ion phosphite that enhances plant resistance against fungal diseases
- Elements in this product easily penetrate into plant cells and because of being systemic, it facilitates the distribution of potassium and phosphorus in plant



Available
packages

1 Liter
5 Liter
10 Liter

Component	Concentration (w/w)
K₂O	20%
P₂O₅	30%

Appearance: Colorless liquid



Kalium Thiosulfate (KTS)

General Information:

- Fully water-soluble liquid fertilizer that leaves no residue
- Free of chloride
- Suitable for application through different fertigation systems and foliar application
- Due to chemical structure, potassium thiosulfate (Kalium Thiosulfate) is more active than normal potassium sulfates with higher absorption efficiency and faster reaction in soil and plant
- Increases plant growth and yield, improves fruit taste and quality and enhances the oil content of the oil crops
- Induces plant resistance against biotic and abiotic stresses



Available packages | 1 Liter
5 Liter
10 Liter

Component	Concentration (w/w)
K₂O	27%
S	18%

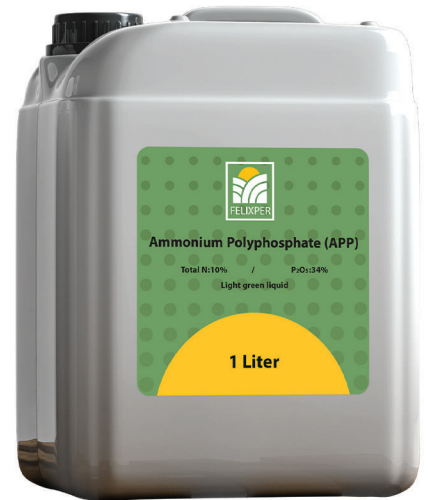
Appearance: Light blue



Ammonium Polyphosphate

General Information:

- Fully water-soluble liquid fertilizer that leaves no residue
- Free of chloride and biuret
- Suitable for application through different fertigation systems and foliar application
- It's a starter fertilizer that supplies plants with nitrogen and phosphorus in early growth stages
- The phosphorus in this fertilizer is in polymeric form that is not absorbable by plant roots. It gradually converts to orthophosphate and becomes absorbable to plants during the time, so it is a slow-release fertilizer



Available packages | 1 Liter
5 Liter
10 Liter

Component	Concentration (w/w)
Total N	10%
P₂O₅	34%

Appearance: Light green liquid



SulfAzote

General Information:

- Fully water-soluble liquid fertilizer that leaves no residue
- Suitable for application through different fertigation systems and foliar application
- From 20% nitrogen in SulfAzote®, 8% is normal quick release urea and 12% is formaldehyde form. Formaldehyde is the slow-release form of urea which provides plant with nitrogen in a longer period of time
- SulfAzote® reduces the need for several urea application and reduces the loss of nitrogen in soil
- *Humulus lupulus* extract in this product act as the adjuvant and increases the efficiency of foliar application



Available packages | 1 Liter
5 Liter
10 Liter

Component	Concentration (w/w)
Total N	20%
MgO	3%
SO ₃	6%

Also containing *Humulus lupulus* extract and small amount of Fe, Zn, Mn and Cu
Appearance: Dark red liquid





Contact Us:

**Address: Ochsenzoller Straße 96,
22848 Norderstedt, Germany**

Tel: +49 40 94365895

Website: www.felixper.com

Email: commercial@felixper.com

Instagram: [@felixper.germany](https://www.instagram.com/felixper.germany)