



ALIF FERTICORE

Our catalog is a convenient tool for selecting effective plant nutrition solutions.

Catalogue of mineral fertilizers



Detailed descriptions
and recommendations
for use



A wide range for all
crops and soils



Reliable
manufacturers and
products



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Complex Fertilizers

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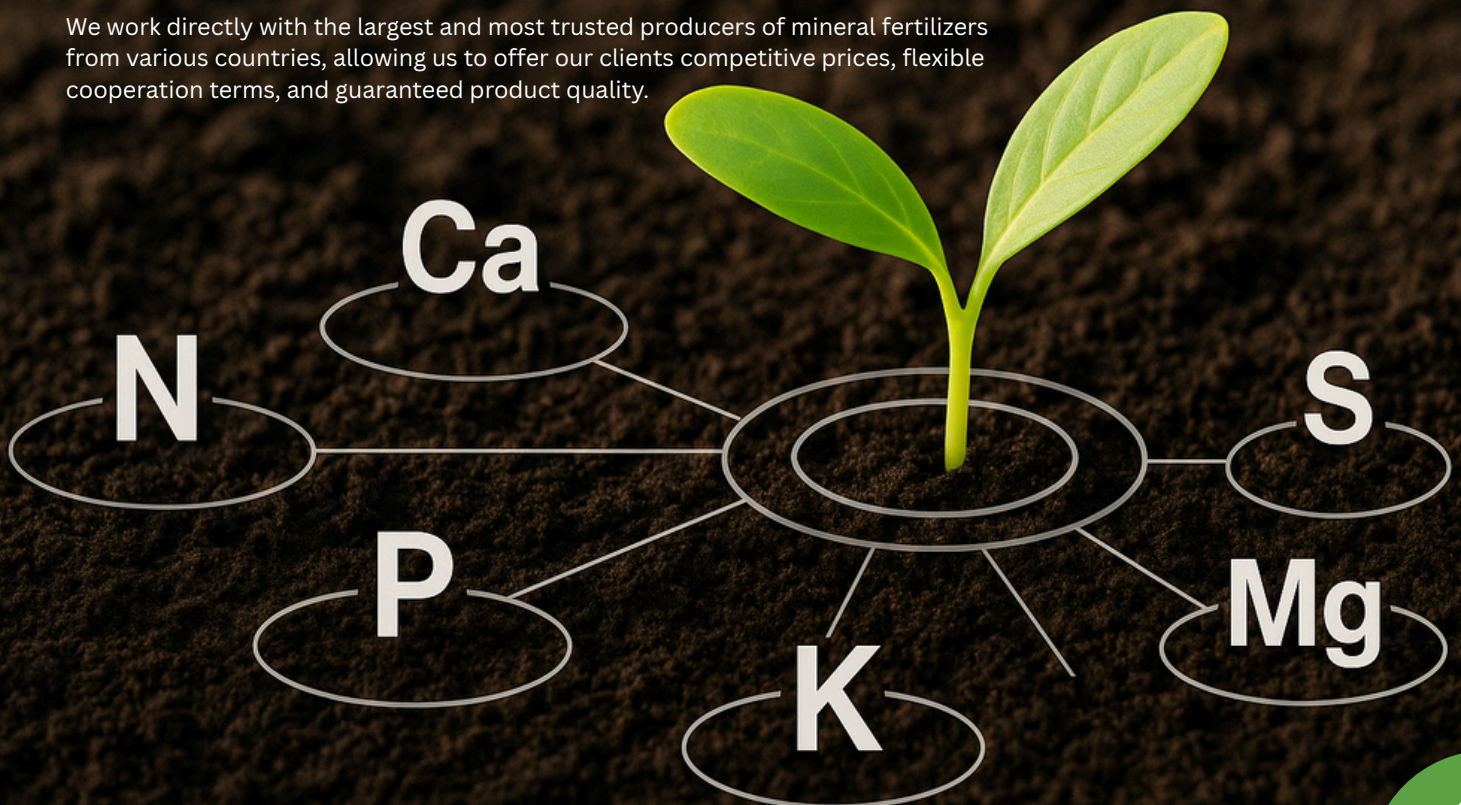
About Us

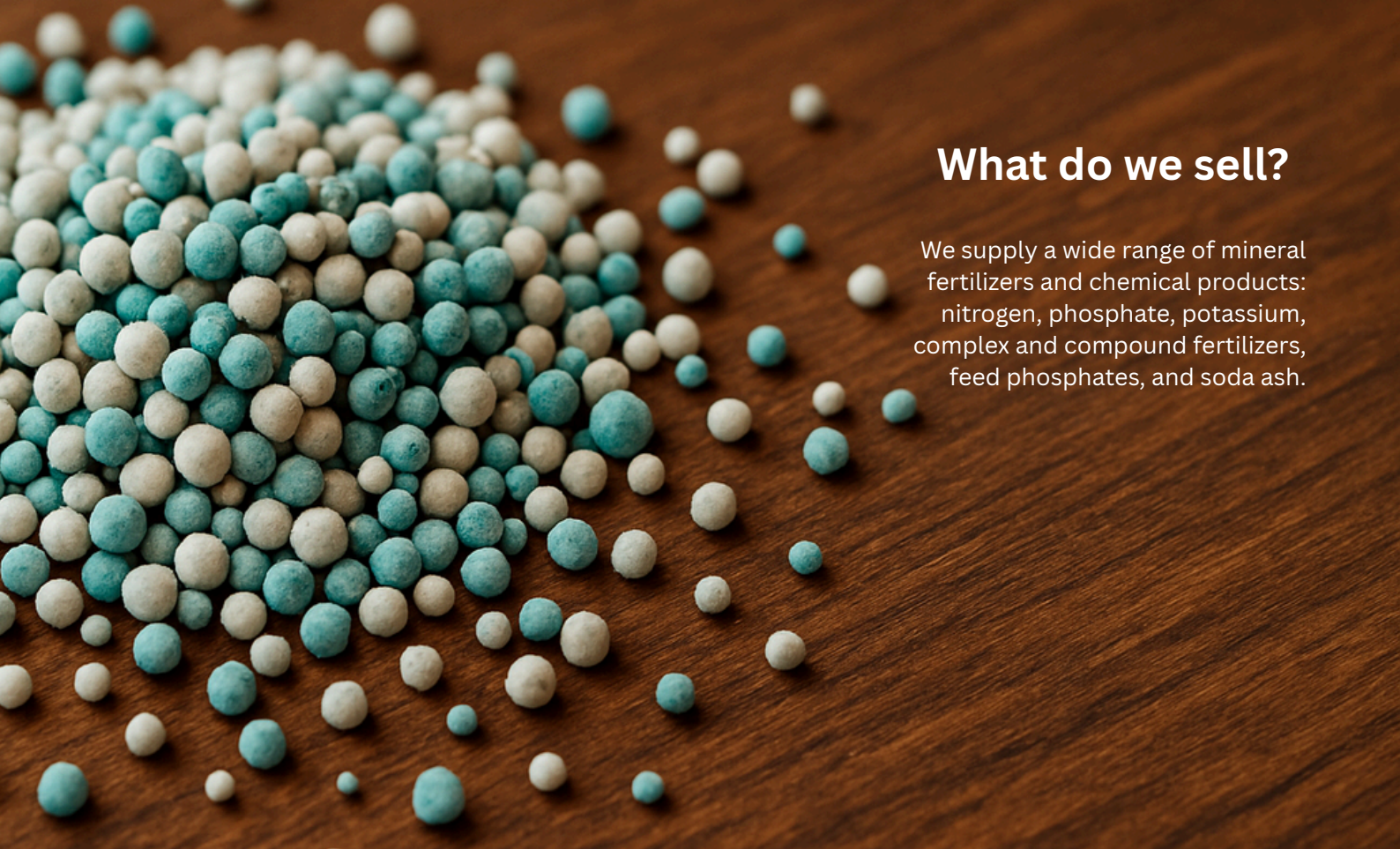
Who are we?

ALIF FertiCore — your reliable partner in global agricultural trade.

What do we do?

We work directly with the largest and most trusted producers of mineral fertilizers from various countries, allowing us to offer our clients competitive prices, flexible cooperation terms, and guaranteed product quality.





What do we sell?

We supply a wide range of mineral fertilizers and chemical products: nitrogen, phosphate, potassium, complex and compound fertilizers, feed phosphates, and soda ash.

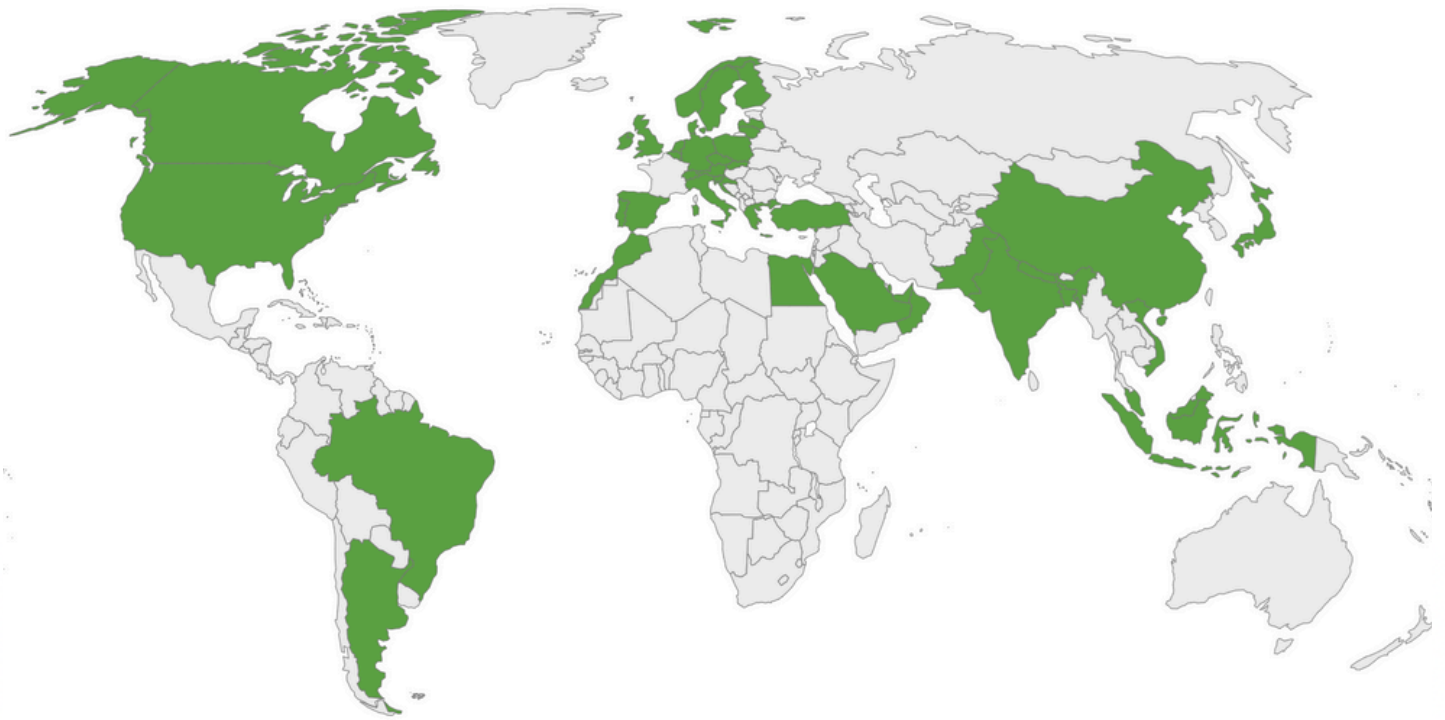
Who do we work with?

We work with farmers, agricultural holdings, farming cooperatives, and large agro-industrial enterprises.



Sales Geography

We supply mineral fertilizers to countries in Europe, Asia, Africa, and the Americas, ensuring reliable and uninterrupted logistics.





Nitrogen fertilizers

They supply plants with nitrogen — a key element for growth and green mass formation. Nitrogen fertilizers stimulate the development of leaves and stems and increase crop yields. There are several types: nitrate, ammonium, ammonium-nitrate, and amide. Nitrate fertilizers act quickly but are easily leached from the soil.

Prilled Urea, Grade “B”

Description:

The most concentrated granular nitrogen fertilizer to provide agricultural plants with nitrogen throughout the growth and development period, supplying plants with all three forms of open-access nitrogen: amide, ammonium and nitrate (after transformation in soil). It is suitable for soils with pH < 6.5. Its transformation in soil results in alkalization and further acidification of the soil solution. This nitrogen fertilizer is the most eco-friendly and harmless for plants, providing a wide range of uses: from autumn application during tillage for crop quality increase to use as an anti-stress agent. It is the only form of nitrogen fertilizer for rice.



Specifications :

No	Name of indicator	Highest grade	1st grade
1.	Mass fraction of nitrogen in dry matter, not less than	46,3%	46,2%
2.	Mass fraction of biuret, not more than	0,6%	1,2%
3.	Mass fraction of free ammonia, not more than, for Urea:		
	crystalline form	0,01%	0,01%
	granular form	0,02%	0,03%
4.	Water mass fraction, not more than:		
	hygroscopic	0,3%	0,3%
	total	0,6%	0,6%

Packaging::

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Urea should be stored in enclosed, well-ventilated warehouses that protect the product from atmospheric precipitation.

When storing in bulk, mixing urea with other types of fertilizers should be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



Granular Urea, Grade “B”

Description:

Granular Urea, Grade “B” is a nitrogen fertilizer containing 46% nitrogen in the form of amide nitrogen (urea). It is used to increase the yield of agricultural crops, promotes better plant growth, and enhances their resistance to diseases. The fertilizer dissolves easily in water and is quickly absorbed by plants.

The granular form of the fertilizer is convenient for application, reducing nutrient loss and ensuring uniform distribution.



Specifications :

No	Name of indicator	Grade "B"		
1	Mass fraction of nitrogen (on dry basis), %, not less than	Highest grade	I grade	II grade
2	Mass fraction of biuret, %, not more than	46,2	46,2	46,2
3	Mass fraction of moisture (by drying method), %, not more than	1,4	1,4	1,4
4	Water mass fraction, not more than:	0,3	0,3	0,3
5	Free-flowing property, %	100	100	100
6	Granulometric composition. Mass fraction of granules sized:			
7	– from 1 to 4 mm, %, not less than	94	94	94
8	– from 2 to 4 mm, %, not less than	70	50	-
9	– less than 1 mm, %, not more than	3	5	5
10	Residue on 6 mm sieve, not more than	none		
11	Granule static strength, kgf/granule, not less than	0,7	0,5	0,3

Packaging::

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Urea should be stored in closed, well-ventilated storage areas that protect the product from atmospheric precipitation.

When storing the product in bulk, care should be taken to prevent urea from mixing with other types of fertilizers.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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Urea+S

Description:

Urea with Sulfur – Nitrogen-Sulfur Mineral Fertilizer

Nitrogen-sulfur mineral fertilizer. The amide form of nitrogen provides prolonged plant nutrition. Once applied to the soil, the amide nitrogen gradually converts first into the ammonium form and then into the nitrate form. The full conversion process takes between 4 to 20 days. Timely incorporation into the soil is necessary after application.



Specifications :

Total nitrogen, not less than	33-40 %
Mass fraction of biuret, not more than	1,4 %
Mass fraction of sulfur, not less than	4-12 %
Mass fraction of water	0,4%
By Fischer method, not more than	0,5 %

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Urea should be stored in closed, well-ventilated storage areas that protect the product from atmospheric precipitation.

When storing the product in bulk, care should be taken to prevent urea from mixing with other types of fertilizers.

Transportation:

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Ammonium Nitrate, Grade “B”

Description:

Ammonium Nitrate, Grade “B” is a nitrogen fertilizer containing approximately 34–35% ammonium nitrogen. It is used to enhance plant growth, increase yields, and stimulate photosynthesis. Ammonium nitrate promotes rapid nitrogen uptake, improving overall metabolic processes in plants.

It is suitable for use on various soil types and is applied to grain crops, vegetables, and perennial plants.

The fertilizer is highly water-soluble, making it effective for use in liquid form, including drip irrigation systems or in combination with other fertilizers.



Specifications :

№	Name of Indicator	Highest grade	1st grade
1.	Mass fraction of nitrogen (on dry basis), not less than	46,3%	46,2%
2.	Mass fraction of biuret, %, not more than	0,6%	1,2%
3.	Mass fraction of free ammonia, not more than, for Urea:		
	crystalline form	0,01%	0,01%
	granular form	0,02%	0,03%
4.	Water mass fraction, not more than:		
	hygroscopic	0,3%	0,3%
	total	0,6%	0,6%

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Ammonium nitrate should be stored in a dry, isolated facility.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



Granulated ammonium nitrate 33.5 %

Description

Granulated ammonium nitrate 33.5 % is a universal granular nitrogen fertilizer containing nitrogen in both ammonium and nitrate forms (33.5% nitrogen).

This universal granular nitrogen fertilizer provides continuous plant nutrition throughout the entire vegetation period due to the presence of both ammonium and nitrate nitrogen forms.



NH₄NO₃

Specifications:

Indicator	Standard
Total nitrogen, not less than	29-33,5 %
Including:	
– Ammonium nitrogen, not less than	14,-16,8 %
– Nitrate nitrogen, not less than	14,-16,8 %
Mass fraction of water	0,02
– By drying method, not more than	0,4 %
– By Fischer method, not more than	0,6 %

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Ammonium nitrate fertilizer (ANF) should be stored away from flammable materials. It is recommended to store it in dedicated warehouse containers located away from other facilities, with a maximum capacity of no more than 500 tons.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

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Ammonium Sulphate Granulated NS 21:24

Description:

Nitrogen fertilizer with a high sulfur content. Granular ammonium sulfate is a highly effective nitrogen fertilizer with a high sulfur content. In agriculture, it is used for growing the most common grain, oilseed, forage, and vegetable crops.

Ammonium sulfate stimulates plant growth and development, improves product quality, and reduces the risk of nitrate accumulation in crops. The nitrogen in ammonium sulfate is in ammonium form, which is highly effective in long-term nitrogen supply systems. It accelerates the decomposition of crop residues, enhancing soil fertility.

When treating crops with plant protection products, it is recommended to add ammonium sulfate to post-emergence herbicide solutions to increase weed control efficiency by reducing water alkalinity.



Specifications :

Indicator	Standard
Total nitrogen content	21 ± 1 %
Sulfur content (S), on dry basis	24 ± 1 %
Moisture content, not more than	1 %
Granules smaller than 1 mm, not more than	5 %
Granules smaller than 6 mm	100 %
Granules sized from 1 to 4 mm, not less than	80 %
Granule static strength, not less than	3 МПа
Free-flowing property	100 %

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Ammonium sulfate should be stored in enclosed, well-ventilated warehouse facilities that prevent exposure to atmospheric precipitation and moisture.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



Stabilized Ammonium Nitrate (SAN)

Description:

A universal, high-concentration nitrogen fertilizer containing a small amount of starter "spring" phosphorus to support better plant development during the early stages of growth.



Specifications :

Indicator	Standard
Appearance	White granules
Total nitrogen content	33±1 %
Mass fraction of available phosphates (as P ₂ O ₅)	3 %
Moisture content, not more than	0,3 %
Granules larger than 5 mm	100 %
Granules smaller than 1 mm, not more than	3 %
Granules sized from 1 to 4 mm, not less than	95 %
Granules larger than 6 mm	0 %
Granule static strength, not less than	2,5 MPa
Free-flowing property	100 %

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Azotophosphate 33:3 should be stored in a dry, isolated facility. When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

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Phosphate Fertilizers

Phosphate fertilizers supply plants with phosphorus, which is essential for root development and flowering. Phosphorus plays a key role in energy processes and strengthens plant immunity. The main types include superphosphate, double superphosphate, and phosphate rock powder. Superphosphate acts quickly and is suitable for most crops.

Monoammonium Phosphate (MAP) NP 10:46

Description:

A granular fertilizer designed to supply agricultural crops with readily available phosphorus and a small amount of nitrogen. It is an excellent starter fertilizer for application during sowing (planting).

At lower temperatures, it ensures the necessary phosphorus nutrition for plants. It temporarily acidifies the soil around the granule, providing certain advantages on neutral and alkaline soils.



Specifications :

Indicator	Standard
Mass fraction of phosphates (P_2O_5), not less than	46%
Mass fraction of total nitrogen (N)	$10 \pm 1\%$
Moisture content, not more than	1%
Granule size from 1 to 4 mm, not less than	95%
Granule size less than 1 mm, not more than	3%
Granule size less than 6 mm	100%
Granule static strength, not less than	3.0 MPa (30 kgf/cm ²)
Free-flowing property	100%

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

Store in a dry, cool, well-ventilated area at a temperature from -20 °C to +30 °C and relative humidity not exceeding 60%. Avoid exposure to direct sunlight and contact with alkalis or flammable substances.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.



Monoammonium Phosphate (MAP) NP 10:36

Description:

Ammonium phosphate is a highly effective granular nitrogen-phosphorus fertilizer for open-field application. It can be used for base application, pre-sowing treatment, and as topdressing during the growing season for various crops and soil types. It is particularly effective for crops such as rapeseed, spring cereals, legumes (peas, soybeans), perennial grasses, and others.

Applying this fertilizer to the soil improves the supply of essential nutrients to plants, particularly nitrogen and phosphorus. This effect is achieved by the concentration of granules around the seeds and seedling roots. The granules gradually dissolve in soil moisture, providing long-lasting and balanced nutrition for plants.

Ammonium phosphate can also be used as a component in the production of granular fertilizer blends (bulk blends).



Specifications :

Appearance	Gray-pink to light brown granules
Total nitrogen content, %	10±1
Total phosphates (as P ₂ O ₅), %	36±1
Moisture content, %, not more than	1,0±0,5
Granulometric composition (granule size distribution):	
– less than 1 mm, %, not more than	3
– from 1 mm to 4 mm, %, not less than	95
– less than 6 mm, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Monoammonium Phosphate (MAP) NP 10:36 should be stored in covered warehouse facilities that prevent exposure to atmospheric precipitation and moisture.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



Monoammonium Phosphate (MAP) NP 10:33

Description:

Ammonium Phosphate is a highly effective granular nitrogen-phosphorus fertilizer for open-field use. It can be applied as a base fertilizer, pre-sowing treatment, or as topdressing during the vegetation period for various crops on different soil types. It is particularly effective for rapeseed, spring cereals, legumes (such as peas and soybeans), perennial grasses, and others.

Soil application of this fertilizer improves the nutrient supply to plants, particularly with nitrogen and phosphorus. This effect is achieved by the concentration of granules around the seeds and seedling roots. The granules gradually dissolve in soil moisture, providing plants with a long-lasting and balanced nutrient supply.

Ammonium phosphate can also be used as a component in the production of granular fertilizer blends (bulk blends).



Specifications :

Appearance	Granular product
Total nitrogen content, %	10±1
Total phosphates (as P ₂ O ₅), %	33±1
Moisture content, %, not more than	1,0±0,5
Granulometric composition (granule size distribution):	
– less than 1 mm, %, not more than	3
– from 1 mm to 4 mm, %, not less than	95
– less than 6 mm, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Monoammonium Phosphate (MAP) NP 10:33 should be stored in covered warehouse facilities that prevent exposure to atmospheric precipitation and moisture.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



Monoammonium Phosphate (MAP) NP 12:52

Description:

One of the most effective granular fertilizers for providing plants with readily available phosphorus and nitrogen – two essential nutrients that support the growth and development of any crop. Due to the temporary moderate acidification of the soil solution around the fertilizer granule, the highest efficiency is observed in nutrient systems on soils with neutral to slightly alkaline pH levels.

The ammonium form of nitrogen enhances phosphorus uptake by plants.



Specifications :

Appearance	Gray granules
Total nitrogen content	12±1 %
Total phosphates (as P ₂ O ₅)	52±1 %
Water-soluble phosphates	97±1 % of total phosphates
Granulometric composition – granules smaller than 6 mm	100 %
Moisture content, not more than	1,7 %
Granules larger than 5 mm	100 %
Granules smaller than 1 mm, not more than	2 %
Granule static strength, not less than	3 MPa
Free-flowing property	100 %

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Monoammonium Phosphate (MAP) NP 12:52 should be stored in a dry, isolated facility that protects the product from moisture and direct sunlight.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

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Monoammonium Phosphate (MAP) NP 12:39

Description:

Monoammonium Phosphate is a highly effective granular nitrogen-phosphorus fertilizer for open-field use. It can be applied as a base fertilizer, pre-sowing treatment, or as topdressing during the vegetation period for various crops and soil types. It is particularly effective for rapeseed, spring cereals, legumes (such as peas and soybeans), perennial grasses, and more.

Applying the fertilizer to the soil improves the nutrient supply to plants, especially nitrogen and phosphorus. This is achieved by concentrating the granules around the seeds and seedling roots. The granules gradually dissolve in soil moisture, ensuring long-lasting and balanced nutrition for the plants.

Ammonium phosphate can also be used as a component in the production of granular fertilizer blends (bulk blends).



Specifications :

Indicator	Standard
Appearance	Granular product
Total nitrogen content, %	12±1
Total phosphates (as P ₂ O ₅), %	39±1
Moisture content, %, not more than	1,0±0,5
Granulometric composition – general	3
– Granules from 2 to 5 mm, %	90
– Granules less than 1 mm, %, not more than	3
– Granules from 1 to 4 mm, %, not less than	95
– Granules less than 6 mm, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

Monoammonium Phosphate (MAP) NP 12:39 should be stored in a dry, cool place protected from moisture and direct sunlight, at a temperature from -20 °C to +30 °C. Avoid contact with alkalis and flammable substances.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.



Diammonium Phosphate (DAP) NP 18:46

Description:

Nitrogen-phosphorus fertilizer (Diammonium phosphate, DAP) (also known as diammonium phosphate, DAP) is a highly concentrated phosphorus fertilizer. It is optimal for providing any agricultural crop with complete phosphorus nutrition throughout its growth and development, along with a starting dose of nitrogen and a small amount of sulfur.

DAP can be applied in the fall during plowing, in the spring during sowing, or as part of pre-sowing soil cultivation. Upon dissolving in the soil, it temporarily increases the pH of the soil solution around the granule, enhancing phosphorus uptake from the fertilizer in acidic soils.

The sulfur content in the fertilizer also improves the absorption of nitrogen and phosphorus by plants.



Specifications :

Total nitrogen (N)	18 %
Phosphorus (P ₂ O ₅)	46 %
Color	From light gray to dark brown
Water solubility	Complete
pH (1% solution)	7.5–8.0
Moisture content	≤ 1.5 %

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

Diammonium Phosphate NP 18:46 should be stored in a dry, covered, and well-ventilated facility at temperatures between -20 °C and +30 °C, with air humidity not exceeding 60%. Avoid exposure to moisture, direct sunlight, and contact with alkalis, acids, and flammable substances.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.



NP 20:20+8CaO

Description:

NP 20:20+8CaO is a compound granular fertilizer containing nitrogen, phosphorus, and calcium oxide (CaO). It supplies plants with essential nutrients, supports the development of the root system, and strengthens cell walls thanks to the calcium content.



Specifications :

Chemical Composition	
Total nitrogen (N)	20%
Phosphorus (P ₂ O ₅)	20%
Calcium (CaO)	8%
*8.5% nitrate, 11.5% ammonium. Content may vary	
Physical Properties	
Granule size distribution:	
– less than 1 mm, max	3%
– from 1 to 4 mm, min	92%
– including 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule static strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Store in enclosed warehouse facilities that protect the product from atmospheric precipitation, separately from other substances and materials.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



NP 22-15+17SO₃

Description:

NP 22-15+17SO₃ is a compound granular fertilizer containing nitrogen (N), phosphorus (P₂O₅), and potassium (K₂O) in balanced proportions. It provides plants with essential nutrients, increases yields, and improves product quality.

It is widely used in crop production, vegetable farming, horticulture, and for industrial crops.



NP 22-15+17SO₃

Specifications :

Chemical Composition	
Total nitrogen (N)	22%
Phosphorus (P ₂ O ₅)	15%
Sulfur (SO ₃)	17%
*8.8% nitrate, 13.2% ammonium; content may vary	
Physical Properties	
Granule size distribution:	
– less than 1 mm, max	3%
– from 1 to 4 mm, min	92%
– including from 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule static strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Store in enclosed warehouse facilities that protect the product from atmospheric precipitation, separately from other substances and materials.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NP 22:18 + 9SO₃

Description:

NP 22:18 + 9SO₃ is a nitrogen-phosphorus fertilizer with sulfur, containing 22% nitrogen, 18% phosphorus, and 9% sulfur in the form of sulfur trioxide (SO₃). It is used for the basic nutrition of agricultural crops on all soil types.

The presence of sulfur improves the uptake of nitrogen and phosphorus and enhances crop quality.



Specifications :

Chemical Composition	
Total nitrogen (N)	22%
Phosphorus (P ₂ O ₅)	18%
Sulfur (SO ₃)	9%
*9.1% nitrate, 12.9% ammonium; content may vary	
Physical Properties	
Granule size distribution:	
– less than 1 mm, ma	3%
– from 1 to 4 mm, min	92%
– including from 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule static strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Store in enclosed warehouse facilities that protect the product from atmospheric precipitation, separately from other substances and materials.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



NP 22:20 + 4SO₃

Description:

NP 22:20 + 4SO₃ is a complex nitrogen-phosphorus fertilizer enriched with sulfur, designed to provide complete plant nutrition. It contains 22% nitrogen, 20% phosphorus (P₂O₅), and 4% sulfur (SO₃), supporting active growth and development of plants at all stages.



Specifications :

Chemical Composition	
Total nitrogen (N)	22%
Phosphorus (P ₂ O ₅)	20%
Sulfur (SO ₃)	4%
10% nitrate, 12% ammonium; content may vary	
Physical Properties	
Granule size distribution:	
– less than 1 mm, max	3%
– from 1 to 4 mm, min	92%
– including from 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule static strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Store in enclosed warehouse facilities that protect the product from atmospheric precipitation, separately from other substances and materials.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



NP 22:20 + 5SO₃

Description:

NP 22:20 + 5SO₃ is a highly effective nitrogen-phosphorus fertilizer with sulfur, intended for base and pre-sowing application. It contains 22% nitrogen, 20% phosphorus (P₂O₅), and 5% sulfur (SO₃), promoting rapid initial growth, root development, and improved plant resistance.



Specifications :

Chemical Composition	
Total nitrogen (N)	22%
Phosphorus (P ₂ O ₅)	20%
Sulfur (SO ₃)	5%
9.3–9.8% nitrate, 12.7–12.2% ammonium; content may vary	
Physical Properties	
Granule size distribution:	
– less than 1 mm, max	3%
– from 1 to 4 mm, min	92%
– including from 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule static strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Store in enclosed warehouse facilities that protect the product from atmospheric precipitation, separately from other substances and materials.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



NP 23:22

Description:

NP 23:22 is a concentrated nitrogen-phosphorus fertilizer containing 23% nitrogen (N) and 22% phosphorus (P_2O_5). It is used for base, pre-sowing, and topdressing applications, ensuring active plant growth at early stages and the development of a strong root system.



Specifications :

Chemical Composition	
Total nitrogen (N)	23%
Phosphorus (P_2O_5)	22%
*10.1% nitrate form, 12.9% ammonium form; content may vary	
Physical Properties	
Granule size distribution:	
– less than 1 mm, max	3%
– from 1 to 4 mm, min	92%
– including from 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule static strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Store in enclosed warehouse facilities that protect the product from atmospheric precipitation, separately from other substances and materials.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



NP(S) 20:20(14)

Description:

A nitrogen-phosphorus fertilizer containing sulfur, intended for soils with a high level of available potassium. This grade is particularly suitable for spring application on crops that require sulfur. Sulfur promotes vigorous plant growth, enhances immunity, and improves overall vitality.

The use of sulfoammophos improves the quality of the final product, increases protein content in cereal crops, and boosts oil content in sunflower and rapeseed seeds. It is also an effective starter fertilizer for corn.



Specifications :

Total nitrogen (N)	20 %
Phosphorus (P ₂ O ₅)	20 %
Sulfur (S)	14 %
Color	From gray to light brown
Water solubility	High (more than 90%)
Moisture content	≤ 1.5 %
pH (in 10% solution)	5.5–6.5
Bulk density	~1.0–1.1 g/cm ³

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NP(S) 20:20(14) should be stored in a dry, well-ventilated area protected from moisture and direct sunlight, at temperatures between -20 °C and +30 °C and relative humidity not exceeding 60%.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.



NP(S) 20:20(14)+0.4Zn

Description:

NP(S) 20:20(14)+0.4Zn is a compound fertilizer for corn and cereal crops, containing macro-, meso-, and microelements in a single granule. Due to the presence of zinc, this fertilizer is ideal for cultivating industrial crops that require intensive growth and strong immunity.

It helps prevent temporary plant stress during the transition from seed nutrition to root-based nutrition.



**NP(S)
20:20(14)+0,4Zn**

Specifications :

Total nitrogen (N)	20 %
Phosphorus (P ₂ O ₅)	20 %
Sulfur (S)	14 %
Zinc (Zn)	0,4 %
Color	Light gray or gray-brown
Moisture content	≤ 1.5 %
pH (10% solution)	5.5–6.5

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NP(S) 20:20(14)+0.4Zn should be stored in a dry, covered, and well-ventilated facility at temperatures between -20 °C and +30 °C, with relative air humidity not exceeding 60%.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NP(S) 16:20(14)

Description:

Nitrogen-phosphorus fertilizer containing sulfur. It is well-suited for soils with high levels of available potassium and low levels of available sulfur. The high sulfur content makes this grade essential for oilseed crops such as rapeseed, sunflower, and flax, as sulfur promotes oil accumulation in seeds.

Optimizing sulfur nutrition is also important for wheat and soybeans, as sulfur supports protein accumulation in the grain.



Specifications :

Total nitrogen (N)	16 %
Phosphorus (P ₂ O ₅)	20 %
Sulfur (S)	14 %
Color	From gray to gray-brown
Moisture content	≤ 1.5 %
pH (in 10% aqueous solution)	5.5–6.5

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NP(S) 16:20(14) should be stored in a dry, covered, and well-ventilated facility at temperatures between -20 °C and +30 °C, with relative humidity not exceeding 60%.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



NP(S) 16:20(12)

Description:

NP(S) 16:20(12) is a complex sulfur-containing nitrogen-phosphorus fertilizer. It is used for base application, pre-sowing treatment, and as topdressing for various agricultural, ornamental, and fruit crops on different soil types in open fields. Sulfoammophos combines the properties of ammonium, phosphorus, and sulfur-containing fertilizers. It offers a better balance of nitrogen and phosphorus, along with additional sulfur, calcium, and magnesium content compared to standard ammonium phosphate.

It is especially recommended for cereal crops (wheat, rye, oats, corn) and sulfur-demanding oilseed crops (such as sunflower and rapeseed). Sulfoammophos can also be used in the preparation of fertilizer blends.



NP(S) 16:20(12)

Specifications:

Parameter	Value
Appearance	Granular product
Total nitrogen content, %	16±1
Available phosphates (as P ₂ O ₅), %	20±1
Sulfur content, %	12±1
Moisture content, %	1,0±0,5
Granulometric composition – mass fraction of granules:	
– less than 1 mm, %, not more than	
– from 1 to 4 mm, %, not less than	3
– from 1 to 6 mm, %, not less than	95
– less than 6 mm, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NP(S) 16:20(12) should be stored in covered warehouse facilities that protect the product from atmospheric precipitation and moisture.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NP(S) 14:27(10)

Description:

NP(S) 14:27(10) is a complex sulfur-containing nitrogen-phosphorus fertilizer. It is used for base application, pre-sowing treatment, and as topdressing for various agricultural, ornamental, and fruit crops across different soil types in open-field cultivation.

Sulfoammophos combines the properties of ammonium, phosphorus, and sulfur-based fertilizers. It offers a better nitrogen-to-phosphorus ratio and contains additional sulfur, calcium, and magnesium compared to standard ammonium phosphate.

It is especially recommended for cereal crops (wheat, rye, oats, corn) and sulfur-demanding oilseed crops (such as sunflower and rapeseed). Sulfoammophos can also be used in the production of fertilizer blends (bulk mixes).



Specifications :

Parameter	Value
Appearance	Granular product
Total nitrogen content, %	14±1
Available phosphates (as P ₂ O ₅), %	27±1
Sulfur content, %	10±1
Moisture content, %	1,0±0,5
Granulometric composition – mass fraction of granules:	
– less than 1 mm, %, not more than	3
– from 1 to 4 mm, %, not less than	95
– less than 6 mm, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NP(S) 14:27(10) should be stored in covered warehouse facilities that protect the product from atmospheric precipitation and moisture.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.



NP(S) 14:40(7)

Description:

A complex three-component fertilizer containing nitrogen, phosphorus, and sulfur. It is well-suited for soils with low levels of available phosphorus, high levels of available potassium, and low levels of available sulfur.

The wide nitrogen-to-phosphorus ratio makes this fertilizer particularly effective when applied during sowing, placed near the seeds.



Specifications :

Total nitrogen (N), not less than	14 %
Phosphorus (P ₂ O ₅), not less than	40 %
Sulfur (S), not less than	7 %
Color	Gray or gray-brown
Water solubility	Not less than 90%
Moisture content, not more than	1,5 %
pH (10% aqueous solution)	5.5–6.5

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NP(S) 14:40(7) should be stored in a dry, covered, and well-ventilated facility at temperatures between -20 °C and +30 °C, with relative humidity not exceeding 60%.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NP(S) 14:40(7)+1Zn

Description:

Sulfoammophos with zinc is a complex mineral fertilizer designed for potassium-rich soils, sod-podzolic soils, heavy loamy, and clayey chernozems. It enhances plant immunity and increases resistance to adverse environmental conditions.



Specifications :

Total nitrogen (N)	14 %
Phosphorus (P ₂ O ₅)	40 %
Sulfur (S)	7 %
Zinc (Zn)	1 %
Color	Gray or gray-brown
Moisture content	≤ 1.5 %
pH (10% solution)	5.5–6.5

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NP(S) 14:40(7)+1Zn should be stored in a dry, covered, and well-ventilated facility at temperatures between -20 °C and +30 °C, with air humidity not exceeding 60%.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



Croplex 12-40-0 (+10S)

- balanced starter fertilizer

Description:

A balanced nitrogen-phosphorus fertilizer containing 10% sulfur. This fertilizer is ideal for autumn and early spring application due to the synergy between nitrogen and sulfur, as well as its high content of water-soluble phosphates.

It provides a prolonged sulfur nutrition effect: water-soluble sulfate sulfur is immediately available after application, while elemental sulfur serves as a reserve for the second half of the growing season.



Specifications :

Total nitrogen content, %, not less than	12
Total phosphates (as P ₂ O ₅), %, not less than	40
Total sulfur content, %, not less than	10
Moisture content, %, not more than	1,8

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Croplex 12-40-0 (+10S) - balanced starter fertilizer should be stored in a dry, covered, and well-ventilated facility at temperatures between -20°C and +30°C, with air humidity not exceeding 60%.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

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MOP Fertilizers

Compound fertilizers contain several essential nutrients, most commonly nitrogen, phosphorus, and potassium (NPK). They are convenient to use because they provide balanced nutrition for plants.

Such fertilizers are classified as either simple (binary) or complex (ternary). Examples include NPK(S) and diammonium phosphate (DAP).

MOP Pink Standard 60% K₂O

Description:

MOP Pink Standard 60% K₂O is a high-concentration MOP fertilizer in the form of fine crystals or granules, containing up to 60% potassium oxide (K₂O). It is used to nourish agricultural crops and is especially effective on potassium-deficient soils.



Specifications :

Appearance	Fine grayish-white crystals or fine grains in various shades of reddish-brown
Potassium content (as K ₂ O), %, not less than	60
Moisture content, %, not more than	1,0
Free-flowing property, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

MOP Pink Standard 60% K₂O should be stored in enclosed warehouse facilities that prevent exposure to atmospheric precipitation (rain, snow) and groundwater. Potassium chloride packed in soft containers may be stored in open areas with a solid surface and under a canopy.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.



MOP Pink Granular 60% K₂O

Description:

MOP Pink Granular 60% K₂O is a concentrated MOP fertilizer intended for base application to all types of agricultural crops. It consists of pinkish or grayish granules with a high content of potassium oxide (K₂O) – not less than 60%. It is known for its ease of use and uniform distribution across the field.



Specifications :

Appearance	Compressed granules of irregular shape, grayish-white or various shades of reddish-brown, or large grayish-white crystals
Potassium content (as K ₂ O), %, not less than	60
Moisture content, %, not more than	0,5
Granulometric composition (mass fraction):	
– less than 1 mm, %, not more than	5
– from 1 to 4 mm, %, not less than	95
– more than 6 mm, %	0
Dynamic strength, %, not less than	80
Free-flowing property, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

MOP Pink Granular 60% K₂O should be stored in dry, covered, clean, and well-ventilated facilities, protected from moisture, direct sunlight, and heat. Packaging (bags, big bags) must remain intact. Storage temperature should be between -20 °C and +30 °C. To prevent caking, avoid prolonged storage.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



MOP Pink Granular, Grade “G”

Description:

MOP Pink Granular, Grade “G” is a concentrated MOP fertilizer containing at least 60% K₂O in the form of durable pink granules. It is suitable for all soil types and most agricultural crops, and is especially effective when applied as a base fertilizer in autumn and spring.



Specifications :

Potassium chloride content (as K ₂ O), not less than	60,0
Potassium chloride content, not less than	95,0
Moisture content, not more than	0,5
Zinc content, not more than	23,0
Mercury content, not more than	2,1
Lead content, not more than	32,0
Arsenic content, not more than	2,0
Cadmium content, not more than	0,5

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

MOP Pink Granular, Grade “G” should be stored in a dry, covered, and well-ventilated facility, avoiding contact with moisture, acids, and ammonium nitrate.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.



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MOP Pink Standard, Grade “H”

Description:

MOP Pink Standard, Grade “H”, is a high-concentration MOP fertilizer containing not less than 60% potassium oxide (K_2O). It is produced in the form of fine crystals or powder-like pink particles.

It is intended for use in the production of compound fertilizers, as well as in fertigation systems and for foliar feeding (in diluted form).



Specifications :

Potassium chloride (as K_2O), not less than	60,00
Potassium chloride, not less than	95,0
Moisture content, not more than	0,5
Zinc content, not more than	23
Mercury content, not more than	2,1
Lead content, not more than	32
Arsenic content, not more than	2,0
Cadmium content, not more than	0,5

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

MOP Pink Standard, Grade “H” should be stored in a dry, well-ventilated area, protected from moisture and chemically incompatible substances (such as acids and nitrates).

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.



MOP Pink Standard, Grade “O”

Description:

MOP Pink Standard, Grade “O” is a high-concentration MOP fertilizer containing not less than 60% potassium oxide (K_2O), in the form of fine pink crystals. It is used in agriculture, the chemical industry, and for the production of blended (compound) fertilizers.



Specifications:

Potassium chloride (as K_2O), not less than	60,00
Potassium chloride, not less than	095,0
Moisture content, not more than	0,5
Zinc content, not more than	23
Mercury content, not more than	2,1
Lead content, not more than	32
Arsenic content, not more than	2,0
Cadmium content, not more than	0,5

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

MOP Pink Standard, Grade “O” should be stored in a dry area protected from moisture and overheating, avoiding contact with acids and nitrate-based fertilizers.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.



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MOP Pink Fine Granular (Special)

Description:

MOP Pink Fine Granular (Special) is a highly effective MOP fertilizer containing at least 60% K_2O , presented in the form of uniform fine pink granules. It features improved flowability, solubility, and even distribution, making it ideal for precision farming, drip irrigation systems, mechanized application, and blending into NPK complexes.



Specifications:

Potassium chloride (as K_2O), not less than	60,0
Potassium chloride, not less than	95,0
Moisture content, not more than	0,5
Zinc content, not more than	23,0
Mercury content, not more than	2,1
Lead content, not more than	32,0
Arsenic content, not more than	2,0
Cadmium content, not more than	0,5

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

MOP Pink Fine Granular (Special) should be stored in a dry, well-ventilated area, protected from moisture, direct sunlight, and from being stored together with ammonium nitrate and acids.

When stored in bulk, mixing with other types of fertilizers, including urea, must be avoided.



MOP Granulated White, Grade "G"

Description:

Potassium chloride granulated white, Grade "G", is a highly concentrated MOP fertilizer containing at least 60% potassium oxide (K_2O). It is produced in the form of white or light gray granules. Widely used in crop production as a source of potassium, it is also applied in the manufacture of NPK fertilizers and for industrial purposes.



Specifications:

Potassium chloride content (as K_2O), %	60,0
Potassium chloride content, %	95,0
Moisture content, %	0,5
Zinc (Zn) content, %	23,0
Mercury (Hg) content, mg/kg	2,1
Lead (Pb) content, mg/kg	32,0
Arsenic (As) content, mg/kg	2,0
Cadmium (Cd) content, mg/kg	0,5

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

MOP Granulated White, Grade "G", must be stored in a dry, covered, and well-ventilated area protected from moisture, aggressive substances, and direct sunlight.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



MOP White small Grade "O"

Description:

MOP White small Grade "O" — is a highly concentrated MOP fertilizer containing no less than 60% potassium oxide (K_2O). It is produced in the form of fine white crystals or powder.

It is used in agriculture (including drip irrigation and liquid fertilizers) as well as in the chemical industry.



Specifications:

Potassium content (as K_2O), min	60,00
Potassium chloride content, min	95,0
Moisture content, max	0,5
Zinc content, max	23
Mercury content, max	2,1
Lead content, max	32
Arsenic content, max	2,0
Cadmium content, max	0,5

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

MOP White small Grade "O" should be stored in a dry, well-ventilated area, protected from moisture and incompatible substances such as acids, nitrates, and other reactive agents.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



MOP White small Grade "H"

Description:

MOP White small Grade "H" — a high-concentration MOP fertilizer containing at least 60% potassium oxide (K_2O), produced in the form of fine white crystals. It is used in crop production, in the manufacture of water-soluble fertilizers, and in the chemical industry. Due to its fine particle size, the product dissolves quickly, providing efficient potassium nutrition for plants.



Specifications:

Mass fraction of potassium chloride as K_2O , %	not less than 60.00
Mass fraction of potassium chloride, %	not less than 95.0
Mass fraction of moisture, %	not more than 0.5
Mass fraction of zinc, %	not more than 23
Mass fraction of mercury, %	not more than 2.1
Mass fraction of lead, %	not more than 32
Mass fraction of arsenic, %	not more than 2.0
Mass fraction of cadmium, %	not more than 0.5

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

MOP White small Grade "H", should be stored in a dry, well-ventilated area, protected from moisture and from contact with acids and nitrate fertilizers.

When storing the product in bulk, avoid mixing it with urea or other types of fertilizers.



MOP White Standard 60% K₂O

Description:

MOP White Standard 60% K₂O is intended for use in agriculture and retail as a potassium fertilizer. It is also widely applied in industry for the production of chemical products and for various other purposes.



Specifications:

Appearance	Fine greyish-white crystals
Potassium chloride (KCl), min	95%
Potassium oxide (K ₂ O), min	60%
- converted to elemental potassium (K), %	51.2%
Sodium chloride (NaCl)	2,3%
Sodium (Na), approx	0.9
Magnesium (Mg), ppm	40
Calcium (Ca), ppm	150
Water-insoluble substances	0.01%
Moisture content, max	0.5%
Anti-caking agent	Added

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

In covered warehouses, excluding the ingress of atmospheric precipitation (rain, snow) and groundwater. Potassium chloride packed in soft containers may be stored in open areas with hard surfaces and under a shelter.



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MOP White Standard 62% K₂O

Description:

Intended for use in agriculture and retail as a fertilizer, as well as in industry for the production of chemical products and for other purposes.



Specifications:

Appearance	Fine crystals of grayish-white color
Potassium chloride (KCl), min %	98.2%
As K ₂ O, min %	62%
As elemental K, %	51.2%
Sodium chloride (NaCl), %	1.5%
As elemental Na, %	0.6%
Magnesium (Mg), ppm	40%
Calcium (Ca), ppm	150%
Bromide (Br), ppm	800%
Water-insoluble matter, %	0.01%
Moisture, max %	0.5%
Anti-caking agent	Added

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

Store in closed warehouses that exclude the ingress of atmospheric precipitation (rain, snow) and groundwater. Potassium chloride packed in soft containers may be stored in open areas with a solid surface and under a canopy.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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Complex Fertilizers

Complex fertilizers contain two or more essential nutrients, most commonly nitrogen (N), phosphorus (P), and potassium (K). They provide balanced nutrition for plants and are convenient to use. Complex fertilizers can be:

Compound – all nutrients are combined in a single granule

Blended – a physical mixture of individual nutrient fertilizers

Examples include: NPK, NPK(S) and diammonium phosphate (DAP)

NPK 12:32:16

Description:

A nitrogen-phosphorus-potassium fertilizer with a phosphorus-to-potassium ratio of 2:1. Ammoniated phosphates combined with potassium chloride in each granule provide essential starter doses of key nutrients during planting or row application. This versatile fertilizer is suitable for a wide range of cereal and oilseed crops, especially effective on most chernozem (black soil) types.



Specifications:

Total Nitrogen (N)	12%
Available Phosphorus (P_2O_5)	32%
Potassium (K_2O)	16%
Moisture Content	$\leq 5.0\%$
pH	6,0–7,2
Granule Strength	not less than 5 MPa
Granule Size Distribution	$\geq 97\%$ Ø1–6 mm

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 12:32:16 fertilizer should be stored in dry, closed, and clean facilities, protected from precipitation and groundwater, and separately from other substances.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



Diammophoska NPK 10:26:26

Description:

Diammophoska NPK 10-26-26 is a concentrated complex fertilizer containing nitrogen (10%), phosphorus (26%) and potassium (26%). Provides complete nutrition for plants, stimulates growth, development of the root system and increases resistance to adverse conditions. Suitable for most agricultural crops and is used for basic application to the soil.



Specifications:

Total Nitrogen (N)	10%
Available Phosphorus (P ₂ O ₅)	26%
Potassium (K ₂ O)	26%
Appearance	Granules are light grey or pinkish grey in colour

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

Diammophoska NPK 10:26:26 should be stored in a dry place, protected from moisture and direct sunlight.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



NPK 10:26:26:2 (NPK-1)

Description:

NPK 10:26:26:2 (NPK-1) is a universal complex nitrogen-phosphorus-potassium fertilizer. It contains essential plant nutrients in a single granule. Ideal as a base fertilizer for winter crops, as well as a pre-sowing fertilizer for spring crops.

NPK 10:26:26:2 (NPK-1)



Specifications:

Appearance	Granules from white to gray or pink with various shades
Total nitrogen content (N), recalculated	10 ± 1 %
Total phosphate content (P ₂ O ₅), recalculated	26 ± 1 %
Water-soluble potassium content (K ₂ O), recalculated	26 ± 1 %
Sulphate sulfur content (S), min	2 %
Moisture content, max	1,2 %
Granulometric composition – less than 1 mm, max – from 1 to 5 mm, min – less than 6 mm	3% 90% 100%
Granule static strength, min	3,0 MPa
Flowability, min	100 %

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 10:26:26:2 (NPK-1) should be stored in a dry, covered, and well-ventilated area, avoiding exposure to moisture and contact with aggressive substances.

When stored in bulk, mixing with urea or other types of fertilizers should be avoided.



NPK 19:4:19

Description:

NPK 19:4:19 is a highly effective concentrated nitrogen-potassium fertilizer with a low phosphorus content, designed for crops that require intensive nitrogen and potassium nutrition.



Specifications:

Appearance	Granulated product without foreign mechanical impurities
Total nitrogen content, %	18 ± 2
Content of available phosphates (as P ₂ O ₅), %, min	4
Content of water-soluble phosphates (as P ₂ O ₅), %, min	2
Potassium content (as K ₂ O), %	18 ± 2
Moisture content, %, max	1
Granulometric composition:	
– Less than 1 mm, %, max	3
– From 1 to 5 mm, %, min	90
– Less than 6 mm, %	100
Static strength of granules, MPa (kgf/cm ²), min	3,0 (30)
Flowability, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 19:4:19 should be stored in a dry, covered, and well-ventilated area, protected from moisture and aggressive substances.

When stored in bulk, mixing with urea or other types of fertilizers should be avoided.



NPK (MOP) 19-9-19

Description:

NPK (MOP) 19:9:19 is a compound fertilizer containing 19% nitrogen (N), 9% phosphorus (P_2O_5), and 19% potassium (K_2O), with potassium provided in the form of muriate of potash (MOP). It delivers balanced nutrition to plants, stimulating vigorous vegetative growth (nitrogen), root development (phosphorus), and improving resistance to diseases and environmental stress (potassium).

Azofoska 19:9:19 is suitable for a wide range of agricultural crops, including cereals, vegetables, fruit, and industrial crops, and is especially effective on potassium-deficient soils.



Specifications:

Appearance	Granulated product without foreign impurities
Total nitrogen (N), %, not less than	19
Available phosphates (as P_2O_5), %, not less than	9
Water-soluble phosphates (as P_2O_5), %, not less than	7
Potassium (as K_2O), %, not less than	19
Moisture content, %, not more than	0,7
Moisture content, %, not more than	
– Less than 1 mm, not more than	3
– From 1 to 4 mm, not less than	93
– Including from 2 to 4 mm, not less than	75
– Less than 6 mm	100
Static strength of granules, MPa (kgf/cm^2), not less than	6 (60)
Friability, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPK (MOP) 19:9:19 should be stored in a dry, well-ventilated area, protected from moisture and direct sunlight.

When stored in bulk, mixing with urea or other types of fertilizers should be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPK (MOP) 22:11:11

Description:

NPK (MOP) 22:11:11 is a complex mineral fertilizer containing 22% nitrogen (N), 11% phosphorus (P_2O_5), and 11% potassium (K_2O), with potassium provided in the form of muriate of potash (MOP). Due to its high nitrogen content, the fertilizer is particularly effective in promoting vigorous vegetative growth, while phosphorus and potassium support root development, flowering, and plant resistance to adverse conditions.

Azofoska 22:11:11 is suitable for a wide range of agricultural crops – including cereals, vegetables, fruit, and industrial crops – and is adaptable to various soil types, contributing to increased yields and improved crop quality.



NPK (MOP) 22:11:11

Specifications:

1.	Appearance	Granular product without foreign impurities
2.	Total nitrogen content (N), minimum	22%
3.	Available phosphates (as P_2O_5), minimum	11%
4.	Water-soluble phosphates (as P_2O_5), minimum	8%
5.	Potassium content (as K_2O), minimum	11%
6.	Moisture content, maximum	0,7%
7.	Granulometric composition, mass fraction of granules sized:	
	– less than 1 mm, maximum	3%
	– from 1 to 4 mm, minimum	92%
	– including from 2 to 4 mm, minimum	75%
	– less than 6 mm	100%
8.	Granule static strength, minimum	4 MPa
9.	Friability, minimum	100%

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPK (MOP) 22:11:11 should be stored in a dry, well-ventilated area protected from moisture and direct sunlight.

When stored in bulk, mixing with urea or other types of fertilizers should be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPK 15-15-15

Description:

NPK 15:15:15 is a universal granular compound fertilizer with equal content of nitrogen, phosphorus, and potassium – 15% each. It provides balanced plant nutrition, enhancing growth, root development, flowering, and fruit formation. Suitable for all soil types and most agricultural crops, including cereals, vegetables, industrial, and fruit-bearing plants. Especially effective when applied as a base, pre-sowing, or during the growing season.



Specifications:

Total Nitrogen (N)*	15%
Phosphorus (P ₂ O ₅)	15%
Potassium (K ₂ O)	15%
Granule size distribution:	
– Less than 1 mm, max	3%
– From 1 to 4 mm, min	93%
– Including 2 to 4 mm, min	75%
– Less than 6 mm	100%
Static granule strength	6 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 15-15-15 should be stored in enclosed warehouse facilities that protect the product from atmospheric precipitation and kept separately from other substances and materials.

When storing the product in bulk, mixing with urea or other types of fertilizers should be avoided.



NPK (SOP) 15-15-15

Description:

NPK (SOP) 15:15:15 is a compound granular fertilizer containing 15% each of nitrogen, phosphorus, and potassium, with potassium presented in the form of sulfate of potash (SOP). Due to the use of SOP, the fertilizer is chloride-free, making it ideal for chloride-sensitive crops such as grapes, potatoes, tomatoes, strawberries, and citrus. Its balanced composition provides uniform plant nutrition, stimulates growth, flowering, fruit formation, and enhances stress resistance.



Specifications:

Total Nitrogen (N), %	15%
Phosphorus (P ₂ O ₅), %	15%
Potassium (K ₂ O), %	15%
Granule size distribution:	
– Less than 1 mm, max	2%
– From 1 to 4 mm, min	95%
– Including 2 to 4 mm, min	70%
– Less than 6 mm	100%
Granule crushing strength, MPa	6 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK (SOP) 15-15-15 should be stored in closed warehouses that protect the product from atmospheric precipitation, separately from other substances and materials.

When storing the product in bulk, avoid mixing urea with other types of fertilizers.



NPK 16-16-16

Description:

NPK 16:16:16 is a universal triple compound fertilizer containing equal parts of nitrogen, phosphorus, and potassium (16% each). Thanks to its balanced composition, it provides comprehensive nutrition for plants at all stages of growth and development. Suitable for all soil types and agricultural crops—grains, vegetables, industrial, and fruit-bearing. This fertilizer stimulates root development, vegetative growth, fruit formation, and improves yield. It can be applied as a base fertilizer, pre-sowing treatment, or as a top dressing during the growing season.



NPK 16-16-16

Specifications:

Total Nitrogen (N)	16%
Phosphorus (P ₂ O ₅)	16%
Potassium (K ₂ O)	16%
Granule size distribution:	
– Less than 1 mm, max	2%
– From 1 to 4 mm, min	95%
– Including 2 to 4 mm, min	75%
– Less than 6 mm	100%
Static crushing strength of granules	6 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 16-16-16 should be stored in enclosed warehouse facilities that protect the product from atmospheric precipitation, kept separately from other substances and materials.

When storing the product in bulk, mixing with urea or other types of fertilizers must be avoided.



NPK 16:16:16+4CaO

Description:

NPK 16:16:16+4CaO is a granular compound fertilizer containing equal parts of nitrogen, phosphorus, and potassium (16% each), additionally enriched with 4% calcium oxide (CaO).

This combination provides balanced plant nutrition throughout all stages of vegetation, promoting strong root development, vigorous growth, and fruiting. Calcium strengthens cell walls, improves fruit quality, and helps neutralize soil acidity. The fertilizer is suitable for most agricultural crops and all soil types.

NPK 16:16:16+4CaO



Specifications:

Total Nitrogen (N)*	16%
Phosphorus (P ₂ O ₅)	16%
Potassium (K ₂ O)	16%
Calcium (CaO)	4%
Granule size distribution:	
– less than 1 mm, max	2%
– from 1 to 4 mm, min	95%
– including 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule crushing strength	6 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 16-16-16+4CaO should be stored in enclosed warehouse facilities that protect the product from atmospheric precipitation. It must be kept separately from other substances and materials.

When stored in bulk, urea must not be mixed with other types of fertilizers.



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NPK 16-16-16+5CaO

Description:

NPK 16:16:16+5CaO is a balanced compound fertilizer containing 16% each of nitrogen, phosphorus, and potassium, as well as 5% calcium oxide (CaO). This composition provides comprehensive plant nutrition, promotes root development, active growth, flowering, and fruit formation. The calcium improves soil structure, strengthens plant tissues, and helps prevent soil acidity. Recommended for use on all soil types for cereal, vegetable, industrial, and fruit crops.

NPK 16-16-16+5CaO



Specifications:

Total Nitrogen (N)	16%
Phosphorus (P ₂ O ₅)	16%
Potassium (K ₂ O)	16%
Calcium (CaO)	5%
Granule size distribution:	
– Less than 1 mm, max	2%
– From 1 to 4 mm, min	95%
– Including from 2 to 4 mm, min	75%
– Less than 6 mm	100%
Granule crushing strength	6 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 16-16-16+5CaO should be stored in enclosed warehouse facilities that protect the product from atmospheric precipitation and kept separate from other substances and materials.

When stored in bulk, mixing with urea or other types of fertilizers should be avoided.



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NPK 17-14-14+5SO₃

Description:

NPK 17:14:14+5SO₃ is a complex granular fertilizer containing nitrogen (17%), phosphorus (14%), potassium (14%), and sulfur trioxide (SO₃ – 5%), which corresponds to approximately 2% elemental sulfur (S). Thanks to its balanced content of essential macronutrients and sulfur, the fertilizer promotes vigorous plant growth, crop formation, and quality improvement. Sulfur enhances nitrogen uptake and protein synthesis. This fertilizer is universal and suitable for most agricultural crops, especially effective on soils deficient in sulfur and nitrogen.

NPK 17-14-14+5SO₃



Specifications:

Total Nitrogen (N)	17%
Phosphorus (P ₂ O ₅)	14%
Potassium (K ₂ O)	14%
Calcium (CaO)	5%
Granule Size Distribution	
– Less than 1 mm (max)	3%
– From 1 to 4 mm (min)	92%
– Including from 2 to 4 mm (min)	75%
– Less than 6 mm	100%
Granule Crushing Strength	4 МПа

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 17-14-14+5SO₃ should be stored in enclosed warehouse facilities that protect the product from atmospheric precipitation and kept separately from other substances and materials.

When storing the product in bulk, mixing with urea or other types of fertilizers should be avoided.



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NPK 18-6-18+4SO₃+2MgO

Description:

NPK 18:6:18+4SO₃+2MgO is a highly effective compound fertilizer containing nitrogen (18%), phosphorus (6%), potassium (18%), and enriched with sulfur (SO₃ – 4%) and magnesium (MgO – 2%). Due to its high nitrogen and potassium content, it promotes active plant growth, improves fruit development, and increases yields. Sulfur enhances nitrogen uptake, while magnesium is essential for photosynthesis as the central element of chlorophyll. It is especially recommended for vegetable and fruit crops with high potassium and magnesium demands.

NPK 18-6-18+4SO₃+2MgO



Specifications:

Total Nitrogen (N)	18%
Phosphorus (P ₂ O ₅)	6%
Potassium (K ₂ O)	18%
Sulfur (SO ₃)	4%
Magnesium (MgO)	2%
Granule size distribution:	
– less than 1 mm, max	3%
– from 1 to 4 mm, min	92%
– including from 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule static strength	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 18-6-18+4SO₃+2MgO should be stored in enclosed warehouse facilities that protect the product from atmospheric precipitation. It must be kept separately from other substances and materials.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



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NPK 18-6-18+5SO₃+2MgO

Description:

NPK 18:6:18+5SO₃+2MgO is a balanced complex mineral fertilizer containing 18% nitrogen, 18% potassium, 6% phosphorus, and enriched with 5% sulfur (SO₃) and 2% magnesium (MgO). This composition promotes vigorous plant growth, enhances root development, improves fruit quality, and stimulates photosynthesis. Sulfur boosts nitrogen uptake, while magnesium is essential for chlorophyll synthesis. This fertilizer is suitable for most crops, particularly vegetables, potatoes, fruit and berry crops, and industrial crops that are sensitive to potassium and magnesium deficiency.



NPK 18-6-18+5SO₃+2MgO

Specifications:

Total Nitrogen (N)	18%
Phosphorus (P ₂ O ₅)	6%
Potassium (K ₂ O)	18%
Sulfur (SO ₃)	5%
Magnesium (MgO)	2%
Granule size distribution:	
– less than 1 mm, max	3%
– from 1 to 4 mm, min	92%
– incl. from 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule crushing strength	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 18-6-18+5SO₃+2MgO should be stored in enclosed warehouse facilities that protect the product from exposure to atmospheric precipitation and kept separately from other substances and materials.

When stored in bulk, mixing with urea or other types of fertilizers should be avoided.



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NPK 19-16-8+7SO₃

Description:

NPK 19:16:8+7SO₃ is a complex nitrogen-phosphorus-potassium fertilizer containing nitrogen (19%), phosphorus (16%), potassium (8%), and sulfur in the form of sulfur trioxide (SO₃ — 7%), which corresponds to approximately 2.8% elemental sulfur (S). The balanced composition ensures a strong start to plant growth, root development, protein synthesis, and increased resistance to diseases.

The high nitrogen content makes this fertilizer especially effective in early growth stages, while sulfur enhances nitrogen uptake and contributes to higher crop quality. Suitable for all soil types and a wide range of agricultural crops, including cereals, industrial, vegetable, and forage crops.

NPK 19-16-8+7SO₃



Specifications:

Total Nitrogen (N)	19%
Phosphorus (P ₂ O ₅)	16%
Potassium (K ₂ O)	8%
Sulfur (SO ₃)	7%
Granule Size Distribution:	
– Less than 1 mm, max	3%
– From 1 to 4 mm, min	92%
– Including from 2 to 4 mm, min	75%
– Less than 6 mm	100%
Granule Crushing Strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 19-16-8+7SO₃ should be stored in enclosed warehouse facilities that protect the product from atmospheric precipitation and separate it from other substances and materials.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



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NPK 20-10-10

Description:

NPK 20:10:10 is a universal nitrogen-phosphorus-potassium fertilizer containing 20% nitrogen, 10% phosphorus (P_2O_5), and 10% potassium (K_2O). Due to its high nitrogen content, this fertilizer is particularly effective during the early stages of plant growth, stimulating the development of vegetative mass, green parts, and root systems. It is suitable for all soil types and most agricultural crops—cereals, industrial, vegetable, and forage. Ideal for base, pre-sowing, and vegetative application.



Specifications:

Total Nitrogen (N)*	20%
Phosphorus (P_2O_5)	10%
Potassium (K_2O)	10%
Granule size distribution:	
– less than 1 mm, max	3%
– from 1 to 4 mm, min	92%
– including from 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule crushing strength	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 20-10-10 should be stored in enclosed warehouse facilities that protect the product from exposure to atmospheric precipitation and kept separately from other substances and materials.

When stored in bulk, the product must not be mixed with other types of fertilizers, particularly urea.



NPK 20-10-10+6CaO

Description:

NPK 20:10:10+6CaO is a complex mineral fertilizer containing nitrogen (20%), phosphorus (10%), potassium (10%), and additionally enriched with calcium oxide (CaO – 6%).

This composition promotes active vegetative growth, strengthens the root system, and enhances plant resistance to stress conditions. Calcium improves soil structure, supports the formation of strong cell walls, and increases fruit quality.

The fertilizer is suitable for most crops and is especially effective on acidic and calcium-deficient soils.

NPK 20-10-10+6CaO



Specifications:

Total Nitrogen (N)	20%
Phosphorus (P ₂ O ₅)	10%
Potassium (K ₂ O)	10%
Calcium (CaO)	6%
Granule size distribution:	
– less than 1 mm, max	3%
– from 1 to 4 mm, min	92%
– including 2 to 4 mm, min	75%
– less than 6 mm	100%
Static crushing strength of granules	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 20-10-10+6CaO should be stored in enclosed warehouse facilities that protect the product from atmospheric precipitation. It must be kept separately from other substances and materials.

When stored in bulk, mixing with urea or other types of fertilizers must be strictly avoided.



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NPK 20-10-10+7SO₃

Description:

NPK 20:10:10+7SO₃ is a complex granular fertilizer containing nitrogen (20%), phosphorus (10%), potassium (10%), and sulfur in the form of sulfur trioxide (SO₃ – 7%), which is equivalent to approximately 2.8% elemental sulfur (S).

The high nitrogen content ensures vigorous plant growth at early stages, while phosphorus and potassium support root development, flowering, and fruit formation. Sulfur enhances nitrogen uptake and protein metabolism, improving crop quality. This fertilizer is universal and suitable for application on cereals, industrial, vegetable, and forage crops across all soil types.

NPK 20-10-10+7SO₃



Specifications:

Total Nitrogen (N)	20%
Phosphorus (P ₂ O ₅)	10%
Potassium (K ₂ O)	10%
Sulfur (SO ₃)	7%
Granule size distribution:	
– less than 1 mm, max	3%
– from 1 to 4 mm, min	92%
– including 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule crushing strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 20-10-10+7SO₃ should be stored in enclosed warehouse facilities that protect the product from atmospheric precipitation and kept separately from other substances and materials.

When storing the product in bulk, mixing with urea or other types of fertilizers must be avoided.



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NPK 23-10-5+6S+1Zn

Description:

Complex fertilizer NPK 23-10-5+6S+1Zn is a nitrogen-phosphorus-potassium fertilizer with added sulfur (6%) and zinc (1%), intended for intensive nutrition of agricultural crops. High nitrogen content (23%) stimulates active plant growth, phosphorus (10%) improves root development, and potassium (5%) increases resistance to stress and diseases. Sulfur promotes protein synthesis and increases nitrogen digestibility, and zinc is involved in enzymatic processes and improves plant metabolism. Recommended for application to the soil during sowing and during the period of active vegetative growth. Suitable for various crops and soil conditions.



Specifications:

Total Nitrogen (N)	23%
Phosphorus (P ₂ O ₅)	10%
Potassium (K ₂ O)	5%
Sulfur (S)	6%
Zinc (Zn)	1%
Color	from light gray to grayish brown
Granulometry	at least 90% of granules are 1 to 5 mm in size
Moisture content	high, nutrients are easily absorbed by plants
Moisture content	no more than 1.5%

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 23-10-5+6S+1Zn should be stored in a dry, well-ventilated area, protected from moisture, direct sunlight and heat sources, at a temperature of -10°C to +35°C. Avoid contact with water and keep away from food and feed.

When storing the product in bulk, mixing with urea or other types of fertilizers must be avoided.



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NPK 23-10-5+4SO₃+3MgO

Description:

NPK 23:10:5+4SO₃+3MgO is a nitrogen-phosphorus-potassium granular fertilizer enriched with sulfur (SO₃ – 4%) and magnesium (MgO – 3%). The high nitrogen content (23%) supports vigorous vegetative growth, phosphorus (10%) promotes root development, and potassium (5%) enhances stress resistance and fruit formation. Sulfur improves nitrogen uptake, while magnesium is essential for photosynthesis as it is part of the chlorophyll molecule.

This fertilizer is particularly effective on acidic and magnesium-deficient soils and for crops with high nitrogen and magnesium requirements, such as potatoes, vegetables, and corn.



NPK 23-10-5+4SO₃+3MgO

Specifications:

Total Nitrogen (N)	23%
Phosphorus (P ₂ O ₅)	10%
Potassium (K ₂ O)	5%
Sulfur (SO ₃)	4%
Magnesium (MgO)	3%
Granule size distribution:	
– Less than 1 mm, max	3%
– From 1 to 4 mm, min	92%
– Including 2 to 4 mm, min	75%
– Less than 6 mm	100%
Granule crushing strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPK 23-10-5+4SO₃+3MgO should be stored in closed warehouses that protect the product from atmospheric precipitation, separately from other substances and materials. When storing the product in bulk, avoid mixing urea with other types of fertilizers.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPK 23-10-5+5SO₃+3MgO

Description:

NPK 23:10:5+5SO₃+3MgO is a balanced nitrogen-phosphorus-potassium granular fertilizer enriched with sulfur (5% SO₃) and magnesium (3% MgO).

The high nitrogen content (23%) promotes vigorous vegetative growth and rapid plant development. Phosphorus (10%) enhances root system formation and accelerates flowering, while potassium (5%) supports fruit development and improves drought and disease resistance. Sulfur boosts nitrogen uptake efficiency, and magnesium – a key component of chlorophyll – is essential for photosynthesis. Suitable for grain, vegetable, industrial, and forage crops, this fertilizer is especially effective on sulfur- and magnesium-deficient soils.



NPK 23-10-5+5SO₃+3MgO

Specifications:

Total Nitrogen (N)*	23%
Phosphorus (P ₂ O ₅)	10%
Potassium (K ₂ O)	5%
Sulfur (SO ₃)	5%
Magnesium (MgO)	3%
Granule size distribution:	
– Less than 1 mm, max	3%
– From 1 to 4 mm, min	92%
– Including 2 to 4 mm, min	75%
– Less than 6 mm	100%
Granule crushing strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 23-10-5+5SO₃+3MgO should be stored in enclosed warehouse facilities that protect the product from atmospheric precipitation, separately from other substances and materials.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



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NPK 23-10-5+7SO₃+2MgO+0,3Zn

Description:

NPK 23:10:5+7SO₃+2MgO+0.3Zn is a multifunctional complex mineral fertilizer containing nitrogen (23%), phosphorus (10%), potassium (5%), and enriched with sulfur (7% SO₃ ≈ 2.8% S), magnesium (2% MgO), and zinc (0.3% Zn). This composition provides comprehensive plant nutrition: nitrogen promotes active growth, phosphorus supports root development, potassium aids in fruit formation and stress resistance, sulfur contributes to amino acid synthesis and nitrogen uptake efficiency.

Magnesium is essential for photosynthesis as the central element of chlorophyll, while zinc plays a crucial role in enzymatic activity, especially for zinc-sensitive crops such as corn, wheat, and sunflower.



NPK 23-10-5+7SO₃+2MgO+0,3Zn

Specifications:

Total Nitrogen (N)*	23%
Phosphorus (P ₂ O ₅)	10%
Potassium (K ₂ O)	5%
Sulfur (SO ₃)	7%
Magnesium (MgO)	2%
Zinc (Zn)	0,3%
Granule size distribution:	
– Less than 1 mm, max	3%
– From 1 to 4 mm, min	92%
– Including 2 to 4 mm, min	75%
– Less than 6 mm	100%
Granule crushing strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPK 23-10-5+7SO₃+2MgO+0.3Zn should be stored in closed warehouse facilities that protect the product from atmospheric precipitation and kept separate from other substances. When stored in bulk, urea should not be mixed with other types of fertilizers.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPK 25-9-9

Description:

NPK 25:9:9 is a nitrogen-phosphorus-potassium fertilizer with a high nitrogen content (25%), designed to support intensive plant growth during the early stages of vegetation. Phosphorus (9%) promotes the development of a strong root system, while potassium (9%) enhances plant resistance to diseases and drought. It is ideal for nitrogen-loving crops such as corn, cereals, sunflower, and vegetables. Recommended for both base and top dressing applications on all soil types, it is especially effective during the active growth phase.



Specifications:

Total Nitrogen (N)*	24,5±0,5%
Phosphorus (P ₂ O ₅)	9%
Potassium (K ₂ O)	9%
Granule size distribution:	
– less than 1 mm, max	3%
– from 1 to 4 mm, min	92%
– including 2 to 4 mm, min	75%
– less than 6 mm	100%
Granule crushing strength, min	4 MPa

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK 25-9-9 should be stored in enclosed warehouse facilities that protect the product from atmospheric precipitation, separately from other substances and materials.

When storing the product in bulk, mixing with other types of fertilizers, especially urea, should be avoided.



NPK (MOP) 23-10-10

Description:

NPK (MOP) 23-10-10 is a compound fertilizer containing 23% nitrogen (N), 10% phosphorus (P_2O_5), and 10% potassium (K_2O), with potassium provided in the form of muriate of potash (MOP). Due to its high nitrogen content, the fertilizer actively stimulates vegetative growth, while phosphorus and potassium support root development, enhance stress resistance, and improve crop quality.

It is suitable for various agricultural crops and especially effective on nitrogen-deficient soils. Recommended for use during the active growth phase of vegetable, cereal, and industrial crops.

NPK (MOP) 23-10-10



Specifications:

Appearance	Uniform mechanical mixture of granules without foreign impurities
Total nitrogen (N), %, max	23
Available phosphates (as P_2O_5), %, min	10
Water-soluble phosphates (as P_2O_5), %, min	7,5
Potassium content (as K_2O), %, min	10
Moisture content, %, max	0,7
Particle size distribution, % of granules sized:	
– from 1 to 4 mm, min	90

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK (MOP) 23-10-10 should be stored in a dry, well-ventilated area protected from moisture and direct sunlight.

When storing the product in bulk, mixing with other types of fertilizers, especially urea, must be avoided.



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NPK (MOP) 27-6-6

Description:

NPK (MOP) 27-6-6 are complex fertilizers containing 27% nitrogen (N), 6% phosphorus (P_2O_5), and 6% potassium (K_2O), with potassium presented in the form of muriate of potash (MOP). This nutrient ratio makes it ideal for stimulating the active growth of green plant mass, especially during the vegetative stage. Nitrogen supports rapid development of leaves and stems, phosphorus strengthens the root system, and potassium enhances plant resistance to diseases and adverse conditions.

This fertilizer is suitable for a wide range of agricultural crops such as cereals, vegetables, and forage plants, and is particularly effective during periods of intense growth when plants require higher nitrogen intake.



Specifications:

Appearance	Uniform mechanical mixture of granules without impurities
Total nitrogen (N), %, not less than	27
Available phosphates (as P_2O_5), %, not less than	6
Water-soluble phosphates (as P_2O_5), %, not less than	4,5
Potassium (as K_2O), %, not less than	6
Moisture content, %, not more than	0,7
Granulometric composition, % (granules of size):	
– from 1 to 4 mm, not less than	90

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK (MOP) 27-6-6 should be stored in a dry, cool, and well-ventilated area, protected from moisture, direct sunlight, and extreme temperatures.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



NPK (MOP) 27-1-13

Description:

NPK (MOP) 27-1-13 is a complex mineral fertilizer containing 27% nitrogen (N), 1% phosphorus (P_2O_5), and 13% potassium (K_2O), with potassium in the form of muriate of potash (MOP). Due to its high nitrogen and potassium content, the fertilizer is particularly effective in stimulating vigorous plant growth, development of green mass, and increasing resistance to stress and diseases, while the small amount of phosphorus supports root development.

This fertilizer is recommended for crops with a high demand for nitrogen and potassium, especially during the active growth phase, and is suitable for soils with sufficient phosphorus content.

NPK (MOP) 27-1-13



Specifications:

Appearance	Uniform mechanical mixture of granules without foreign impurities
Total nitrogen (N), %, max	27
Available phosphates (as P_2O_5), %, min	1
Water-soluble phosphates (as P_2O_5), %, min	0,75
Potassium content (as K_2O), %, min	13
Moisture content, %, max	0,7
Granulometric composition, % of granules sized:	
– from 1 to 4 mm, min	90

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK (MOP) 27-1-13 should be stored in a dry, well-ventilated area, protected from moisture, direct sunlight, and temperature fluctuations.

When storing the product in bulk, mixing urea with other types of fertilizers should be avoided.



NPKS 8:20:30:3

Description:

A complex mineral bio-modified fertilizer containing nitrogen (8%), phosphorus (20%), potassium (30%), sulfur (3%), and rhizosphere bacteria of the *Bacillus subtilis* species.



Specifications:

Appearance	Granules ranging from white to gray or pink with various shades
Total nutrient content, %, min	56
Total nitrogen (N), %	8 ± 1
Total phosphates (as P ₂ O ₅), %	20 ± 1
Water-soluble phosphates (as P ₂ O ₅), %, min	15
Potassium (as K ₂ O), %	30 ± 1
Sulphate sulfur (as S), %, min	3
Moisture content, %, max	1,2
Granulometric composition: – less than 1 mm, %, max – from 1 to 5 mm, %, min – less than 6 mm, %	3 90 100
Granule static strength, MPa, min	3
Free-flowing capacity, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPKS 8:20:30:3 should be stored in a dry, covered, and well-ventilated area, protected from moisture and direct sunlight.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



NPK(S) 8:20:30(2)+0.3B*

Description:

NPK(S) 8:20:30(2)+0.3B* is a complex fertilizer enriched with sulfur and boron. It is highly effective on soils with low potassium content, light-textured soils, leached soil conditions, and carbonate soils deficient in available boron. Recommended for both base application and pre-sowing fertilization.



Specifications:

Nitrogen (N)	8 %
Phosphorus (P ₂ O ₅)	20 %
Potassium (K ₂ O)	30 %
Sulfur (S)	2 %
Boron (B)	0,3 %
Color	From grey to light brown

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK(S) 8:20:30(2)+0.3B* should be stored in a dry, covered facility at temperatures between -10°C and +40°C, away from moisture and chemically active substances.

When storing the product in bulk, mixing with urea or other types of fertilizers should be avoided.



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NPK(S) 8:20:30(2)+1Zn*

Description:

NPK(S) 8:20:30(2)+1Zn* is a complex fertilizer containing sulfur and zinc. It is recommended for soils with low exchangeable potassium content, as well as highly humus-rich and podzolic soils. Suitable for both base and pre-sowing application.



NPK(S) 8:20:30(2)+1Zn*

Specifications:

Nitrogen (N)	8 %
Phosphorus (P ₂ O ₅)	20 %
Potassium (K ₂ O)	30 %
Sulfur (S)	2 %
Zinc (Zn)	1 %
Color	From gray to light brown

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK(S) 8:20:30(2)+1Zn* should be stored in a dry, covered area at temperatures between -10°C and +40°C, away from moisture and chemically active substances.

When stored in bulk, avoid mixing urea with other types of fertilizers.



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NPKS 8:20:30:3 (NPKS-8)

Description:

NPKS 8:20:30:3 is a complex granular fertilizer designed to nourish agricultural crops on all soil types. The balanced ratio of nitrogen, phosphorus, potassium, and sulfur supports active plant growth, root system development, fruit formation, and resistance to stress conditions. It is especially effective on soils deficient in potassium and sulfur.

It is used for base and pre-sowing applications and can be included in the main fertilization system for grain, industrial, vegetable, and forage crops.



NPKS 8:20:30:3 (NPKS-8)

Specifications:

Appearance	Granular product ranging from white to gray or pink with various shades
Total nitrogen content (N), %	8 ± 1
Total phosphates as P ₂ O ₅ , %	20 ± 1
Water-soluble potassium as K ₂ O,	30 ± 1
Sulfate sulfur as S, %, not less than	3
Moisture content, %, not more than	1,2
Granulometric composition (mass fraction of granules):	
– Less than 1 mm, %, not more than	3
– From 1 to 5 mm, %, not less than	90
– Less than 6 mm, %	100
Static strength of granules, MPa, not less than	3,0
Flowability, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPKS 8:20:30:3 (NPKS-8) should be stored in enclosed warehouse facilities that prevent exposure to atmospheric precipitation and groundwater. When stored in bulk, mixing urea with other types of fertilizers must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPK(S) 10:26:26(2)+0,3B*

Description:

Diammonium phosphate with boron is an effective compound fertilizer for base application on soils with low availability of mobile micronutrients. It is especially effective in irrigated agriculture with a leaching water regime.



Specifications:

Nitrogen (N)	10 %
Phosphorus (P ₂ O ₅)	26 %
Potassium (K ₂ O)	26 %
Sulfur (S)	2 %
Boron (B)	0,3 %
Color	From gray to light brown

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPK(S) 10:26:26(2)+0.3B* should be stored in a dry, covered area at a temperature of -10°C to +40°C, away from moisture and chemically active substances.

When storing the product in bulk, avoid mixing urea with other types of fertilizers.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPK(S) 10:26:26(2)+1Zn*

Description:

Diammonium phosphate with zinc is a complex multi-component fertilizer designed for base and pre-sowing application on soils with low phosphorus and potassium content. It is highly effective on zinc-deficient soils, carbonate soils with neutral to slightly alkaline pH, and in cases where high doses of phosphate fertilizers are used.



NPK(S) 10:26:26(2)+1Zn*

Specifications:

Nitrogen (N)	10 %
Phosphorus (P ₂ O ₅)	26 %
Potassium (K ₂ O)	26 %
Sulfur (S)	2 %
Zinc (Zn)	1 %
Color	Grey or grey-brown

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK(S) 10:26:26(2)+1Zn* should be stored in a dry, covered storage facility at temperatures between -10°C and +40°C, away from moisture and chemically active substances.

When storing the product in bulk, mixing urea with other types of fertilizers must be avoided.



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NPKS 10:20:20:6

Description:

NPKS 10:20:20:6 is a compound granular mineral fertilizer containing a balanced combination of four essential nutrients.



Specifications:

Appearance	Granules ranging from white to grey or pink with various shades
Total nitrogen (N), %, including ammonium nitrogen	10 ± 1 10 ± 1
Total phosphates (as P ₂ O ₅), %	20 ± 1
Water-soluble potassium (as K ₂ O), %	20 ± 1
Sulphate sulfur (as S), %, min	6
Moisture content, %, max	1,2
Granulometric composition: – Less than 1 mm, %, max – From 1 to 5 mm, %, min – Less than 6 mm, %	3 90 100
Granule static strength, MPa, min	3,0
Friability, %, min	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPKS 10:20:20:6 should be stored in a dry, covered, and well-ventilated facility, protected from moisture and direct sunlight.

When stored in bulk, avoid mixing the product with urea or other types of fertilizers.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPK(S)+B+Zn 13:17:17(6)+0,15B+0,6Zn

Description:

A unique formulation containing all three primary macronutrients, a mesoelement (sulfur), and trace elements (boron and zinc). This fertilizer is ideal for cultivating nearly all crops on soils deficient in available forms of sulfur, boron, and zinc. It provides balanced localized plant nutrition when applied at sowing and is also well-suited for base application to the soil.

**NPK(S)+B+Zn
13:17:17(6)+0,15B+0,6Zn**



Specifications:

Nitrogen (N)	13 %
Phosphorus (P ₂ O ₅)	17 %
Potassium (K ₂ O)	17 %
Sulfur (S)	6 %
Boron (B)	0,15 %
Zinc (Zn)	0,6 %

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPK(S)+B+Zn 13:17:17(6)+0.15B+0.6Zn should be stored in a dry, covered area at temperatures between -10°C and +40°C, away from moisture and chemically active substances.

When stored in bulk, mixing with urea or other types of fertilizers should be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPK(S)+B 14:18:18(6)+0,3B

Description:

A compound fertilizer suitable for soils with low availability of mobile forms of phosphorus, potassium, sulfur, and boron. It is especially effective for crops with high sulfur and boron requirements, particularly oilseeds such as sunflower and rapeseed. This formulation is indispensable for all cabbage crops that respond well to boron-containing fertilizers, as well as for sugar beets and potatoes.

NPK(S)+B 14:18:18(6)+0,3B



Specifications:

Nitrogen (N)	14 %
Phosphorus (P ₂ O ₅)	18 %
Potassium (K ₂ O)	18 %
Sulfur (S)	6 %
Boron (B)	0,3 %
Moisture	≤ 1.5 %

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK(S)+B 14:18:18(6)+0.3B should be stored in a dry, covered facility at temperatures between -10°C and +40°C, away from moisture and chemically active substances.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



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NPK(S) 14:18:18(6)+0,3Zn*

Description:

Complex highly concentrated fertilizer with high zinc content. Increases phosphorus absorption both from the fertilizer granule and from the soil. At the optimal rate of application completely eliminates the need for additional leaf fertilization during the growing season with zinc-containing preparations. Highly effective on all cereal crops.

Recommended for soils with medium and low nutrient element content, for soils with high nutrient element content it is applied in the pre-sowing period.

NPK(S) 14:18:18(6)+0,3Zn*



Specifications:

Nitrogen (N)	14 %
Phosphorus (P ₂ O ₅)	18 %
Potassium (K ₂ O)	18 %
Sulfur (S)	6 %
Zinc (Zn)	0,3 %
Color	Gray or light brown

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK(S) 14:18:18(6)+0.3Zn* should be stored in a dry, covered facility at temperatures between -10°C and +40°C, away from moisture and chemically active substances.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



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NP(S) 14:40(7)+1Zn

Description:

NP(S) 14:40(7)+1Zn is a complex mineral fertilizer recommended for potassium-rich soils, including sod-podzolic, heavy loamy, and clayey chernozems. It enhances plant immunity and increases resistance to adverse environmental factors.



Specifications:

Nitrogen (N)	14 %
Phosphorus (P ₂ O ₅)	40 %
Sulfur (S)	7 %
Zinc (Zn)	1 %
Color	Gray or light brown

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NP(S) 14:40(7)+1Zn should be stored in a dry, covered area at temperatures between -10°C and +40°C, away from moisture and chemically active substances.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPK(S) 15:15:15(10)

Description:

A universal compound fertilizer with sulfur, suitable for all soil types and crops. It is most effective when applied to row and industrial crops—either before pre-sowing cultivation or at sowing. It also serves as an ideal starter fertilizer for spring cereal crops. The presence of sulfur enhances the uptake of nitrogen and phosphorus by plants, while potassium promotes the rapid transport of photosynthesis products (carbohydrates) to roots and seeds.



Specifications:

Nitrogen (N)	15 %
Phosphorus (P ₂ O ₅)	15 %
Potassium (K ₂ O)	15 %
Sulfur (S)	10 %
Color	Gray or light brown

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPK(S) 15:15:15(10) should be stored in a dry, covered area at a temperature of -10°C to +40°C, away from moisture and chemically active substances.

When storing the product in bulk, avoid mixing urea with other types of fertilizers.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPKS 15:15:15:11 (NPKS-4)

Description:

NPKS 15:15:15:11 (NPKS-4) is a four-component complex mineral fertilizer containing equal proportions of nitrogen (N), phosphorus (P_2O_5), and potassium (K_2O), as well as a significant amount of sulfur (SO_3). It is used for both base and pre-sowing applications across all types of crops and is especially effective on sulfur-deficient soils and in intensive farming practices.



Specifications:

Appearance	Granules ranging from white to gray or pink in color with various shades.
Total nitrogen content (N)	15±1 %
Total phosphates content (as P_2O_5)	15±1 %
Water-soluble potassium content (as K_2O)	15±1 %
Sulfate sulfur content (as S), not less than	11 %
Moisture content, not more than	1,2 %
Granulometric composition: – Granules < 1 mm – Granules 1–5 mm – Granules < 6 mm	3% 90% 100%
Static strength of granules, not less than	3,0 MPa
Flowability	100 %

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPKS 15:15:15:11 (NPKS-4) should be stored in a dry, covered, well-ventilated area protected from moisture and aggressive substances.

When storing the product in bulk, avoid mixing urea with other types of fertilizers.



MultiStart NPKS 15:15:15:11 + Bio

Description:

MultiStart NPKS 15:15:15:11 + Bio is a modern complex granulated fertilizer designed for intensive starter nutrition of agricultural crops on all soil types. Thanks to the inclusion of bioactive additives, it not only nourishes plants but also improves soil structure and microbiological activity.



Specifications:

Appearance	Granules ranging from white to gray or pink with various shades
Total nitrogen content (N), %	15 ± 1
Total phosphates as P ₂ O ₅ , %	15 ± 1
Potassium as K ₂ O, %	15 ± 1
Sulphate sulfur as S, %, min	11
Moisture content, %, max	1,2
Granulometric composition – Mass fraction of granules: – less than 1 mm, %, max – from 1 to 5 mm, %, min – less than 6 mm, %	10 90 100
Viable bacterial cells per 1 g of fertilizer at manufacture, CFU/g, min	5 × 10 ⁴
Viable bacterial cells per 1 g of fertilizer at end of shelf life, CFU/g, min	1 × 10 ⁴
Granule static strength, MPa, min	3
Free-flowing properties, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

MultiStart NPKS 15:15:15:11 + Bio should be stored in a dry, well-ventilated area at temperatures from –5 to +35 °C, protected from moisture and direct sunlight.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPK(S) 15:15:15(10)+0,3B

Description:

Universal complex fertilizer, optimal for use as a starter fertilizer for most agricultural crops on all soil types. The high sulfur content positively affects plant metabolism and enhances their ability to efficiently absorb macronutrients from the soil. Boron supports proper pollination, improves the growth and ripening of seeds and fruits.



Specifications:

Nitrogen (N)	15 %
Phosphorus (P ₂ O ₅)	15 %
Potassium (K ₂ O)	15 %
Sulfur (S)	10 %
Boron (B)	0,3 %
Color	Gray or light brown

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPK(S) 15:15:15(10)+0.3B should be stored in a dry, covered facility at temperatures between -10°C and +40°C, away from moisture and chemically active substances.

When stored in bulk, mixing with urea or other types of fertilizers should be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPK(S) 15:15:15(10)+1Zn*

Description:

A complex fertilizer with an optimal ratio of macro-, meso-, and microelements. The increased sulfur content provides a significant effect on low-humus, waterlogged, and sandy soils, as well as when applying high doses of nitrogen fertilizers. Zinc enhances plant resistance to frost and heat, and is involved in photosynthesis and plant respiration processes. Most effective when applied locally during sowing.



NPK(S) 15:15:15(10)+1Zn*

Specifications:

Nitrogen (N)	15 %
Phosphorus (P ₂ O ₅)	15 %
Potassium (K ₂ O)	15 %
Sulfur (S)	10 %
Zinc (Zn)	1 %
Color	From gray to light brown

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPK(S) 15:15:15(10)+1Zn* should be stored in a dry, covered facility at a temperature between -10°C and +40°C, away from moisture and chemically active substances.

When stored in bulk, mixing with urea or other types of fertilizers must be avoided.



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NP(S) 20:20(14)+0,4Zn

Description:

Sulfoammophos with zinc is a compound fertilizer for corn and grain crops that contains macro-, meso-, and microelements in a single granule. Thanks to its zinc content, the fertilizer is ideal for cultivating technical crops that require intensive growth and strong immunity. It helps prevent temporary plant stress during the transition from seed-based to root-based nutrition.



Specifications:

Nitrogen (N)	20 %
Phosphorus (P ₂ O ₅)	20 %
Sulfur (S)	14 %
Zinc (Zn)	0,4 %
Color	From gray to light brown

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NP(S) 20:20(14)+0.4Zn should be stored in a dry, covered area at a temperature of -10°C to +40°C, away from moisture and chemically active substances.

When storing the product in bulk, avoid mixing urea with other types of fertilizers.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPKS 21:10:10:2

Description:

Nitroammophoska NPKS 21:10:10:2 is a nitrogen-phosphorus-potassium fertilizer additionally enriched with sulfur. It is suitable for all types of agricultural crops and is especially effective during the active growth phase, when plants require a high amount of nitrogen along with phosphorus and potassium support.



Specifications:

Appearance	Granular product without mechanical impurities
Total nitrogen content, %	21 ± 1
Content of available phosphates (as P ₂ O ₅), %	10 ± 1
Water-soluble phosphates (as P ₂ O ₅), %, minimum	4
Potassium content (as K ₂ O), %	10 ± 1
Sulfates (as sulfur), %, minimum	2
Moisture content, %, maximum	1
Granulometric composition: - Less than 1 mm, %, maximum - From 1 to 5 mm, %, minimum - Less than 6.3 mm, %	3 90 100
Static strength of granules, MPa (kgf/cm ²), minimum	3,0 (30)
Friability, %	100
Micronutrient content, mg/kg, maximum: - Zinc - Copper	55 33

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPKS 21:10:10:2 should be stored in a dry, covered, and well-ventilated area, protected from moisture, direct sunlight, and mechanical damage to the packaging.

When storing the product in bulk, mixing urea with other types of fertilizers must be avoided.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



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NPKS 22:7:12:2

Description:

This is a complex fertilizer that contains the most essential nutrients for plants combined in a single granule.



Specifications:

Appearance	Granulated product without mechanical impurities
Total nitrogen (N), %	22 ± 1
Available phosphates (as P ₂ O ₅), %	7 ± 1
Water-soluble phosphates (as P ₂ O ₅), %, min	3
Potassium (as K ₂ O), %	12 ± 1
Sulfates (as sulfur), %, min	2
Moisture content, %, max	1
Granulometric composition: – Less than 1 mm, %, max – From 1 to 5 mm, %, min – Less than 6.3 mm, %	3 90 100
Static strength of granules, MPa, min	3,0
Friability, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Storage:

NPKS 22:7:12:2 should be stored in a dry, covered and well-ventilated area, protected from moisture, overheating and chemically active substances.

When storing the product in bulk, do not allow the urea to mix with other types of fertilizers.

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.



NPKS 24:6:12

Description:

NPKS 24:6:12 is a highly effective nitrogen-phosphorus-potassium fertilizer designed to provide intensive nitrogen nutrition for agricultural crops, along with sufficient phosphorus and potassium support. It is particularly effective for grains, corn, sunflower, rapeseed, and forage grasses.



NPKS 24:6:12

Specifications:

Appearance	Granular product without mechanical impurities
Total nitrogen (N), %	24 ± 1
Available phosphates (as P ₂ O ₅), %	6 ± 1
Water-soluble phosphates (as P ₂ O ₅), %, not less than	3
Potassium (as K ₂ O), %	12 ± 1
Moisture content, %, not more than	1
Granulometric composition, % by mass of granules: – Less than 1 mm, not more than – From 1 to 5 mm, not less than – Less than 6.3 mm	3 90 100
Static strength of granules, MPa, not less than	3,0
Flowability, %	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

NPKS 24:6:12 must be stored in a dry, covered, and well-ventilated area, protected from moisture and aggressive substances.

When stored in bulk, avoid mixing urea with other types of fertilizers.



NPKS 27:6:6:2

Description:

NPKS 27:6:6:2 is a nitrogen-containing complex mineral fertilizer enriched with sulfur. It is designed to nourish plants, especially during the active vegetative growth phase when nitrogen demand is high. This fertilizer is used for grain, forage, and industrial crops, as well as on pastures and hayfields.



Specifications:

Appearance	Granular product without mechanical impurities
Total nitrogen (N), %	27 ± 1
Available phosphates (as P ₂ O ₅), %, minimum	6
Water-soluble phosphates (as P ₂ O ₅), %, minimum	2
Potassium content (as K ₂ O), %, minimum	6
Sulphates (as sulfur), %, minimum	2
Moisture content, %, maximum	1
Granulometric composition: - Less than 1 mm, %, maximum - from 1 to 5 mm, %, minimum - less than 6 mm, %	3 90 100
Granule static strength, MPa (kgf/cm ²), minimum	3,0 (30)
Free-flowing property, %, minimum	100

Packaging:

- ✓ Bulk
- ✓ 50 kg polypropylene bags
- ✓ FIBCs (big bags) from 500 to 1,000 kg
- ✓ Other types of packaging upon customer request

Transportation:

Transported by all modes of transport in accordance with the regulations applicable to the specific type of transport.

Storage:

Store in a dry, well-ventilated area protected from moisture and direct sunlight.

When stored in bulk, avoid mixing with urea or other types of fertilizers.





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