SUPPLY HIGH QUALITY
FERTILIZERS

DOMESTIC & INTERNATIONAL SALES

BLACKSEA
TRADING & CONSULTANCY

Reliable Supply of Agricultural Fertilizers: Blakcsea Trading Ltd.

Blakcsea Trading Ltd. is known as a specialized supplier of agricultural fertilizers, offering quality products at competitive prices. With our presence in both domestic and international markets, we are committed to providing our customers with the best products at the most affordable prices. We have a wide range of products to meet your agricultural needs and accompany you at every step of fertilizer supply.

Wide Product Range

At Blakcsea Trading Ltd., we offer many different types of fertilizers used in the agriculture industry. We supply some of the following products for both domestic and international markets to provide solutions tailored to your needs:

Competitive Prices and Flexible Logistic Solutions

In line with our principles of customer satisfaction and cooperation, Blakcsea Trading Ltd. offers competitive prices to our customers. With depot delivery or flexible logistic solutions, we facilitate fertilizer supply worldwide. We are here to support your agricultural success by providing you with fast and reliable service.

Contact Us

Feel free to contact us to meet your agricultural fertilizer needs and get more information. Our experienced and expert team is ready to provide you with the best solutions.

Blakcsea Trading Ltd. is here to contribute to the future of agriculture and to partner with our customers in their success. We are excited to support you with reliable fertilizer supply and customer-focused service.

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UREA (N46)

Urea, with the chemical formula (NH^2)-2C°, is an organic compound commonly found in granular or powdered form commercially. It is typically used as a fertilizer and has the following properties and applications

Nitrogen Source: Urea is used as a source of nitrogen, which is essential for plant growth. It serves as a common fertilizer to fulfill the nitrogen requirements of plants.

High Nitrogen Content: Urea has a relatively high nitrogen content of 46%, making it a potent nitrogen source compared to other fertilizer types.

Water Solubility: Urea readily mixes and dissolves in water, facilitating rapid nutrient uptake by plants.

Various Application Methods: Urea can be applied by incorporating it into the soil or by foliar spraying, depending on the specific needs and growing conditions of the plants.

TEST	SPECIFICATIONS	METHODS	RESULTS
Total Nitrogen, %	46.0 min	EVS-EN 15478	46.2
Biuret, %	1.0 max	EVS-EN 15479	0.90
Moisture, %	0.5 max	ISO 760/78	0.25
Granulometry, % between 1-4 mm	90 min	ISO 8397	98.27

Delivery & Delivery Types

Please specify your loading preference in your order.

CIF & FOB
On Vessel

EXW
Warehouse

25 kg Bags
50 kg Jumbo Bags

Big bags

Bulk
Delivery

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DAP 18-46-0

Diammonium Phosphate

Diammonium phosphate (DAP) is a fertilizer with high phosphorus content. It promotes root development, flowering, and fruit formation.

Nitrogen and Phosphorus Source: DAP fertilizer provides both nitrogen and phosphorus, essential nutrients for plant growth. Nitrogen is crucial for leaf development and overall plant growth, while phosphorus supports root development, flowering, and fruit formation.

High Solubility: DAP fertilizer readily dissolves in water, making it easily accessible to plants for uptake.

Acidic pH: Most forms of DAP fertilizer have a slightly acidic pH, which may help lower the pH of soil. However, it's important to monitor soil pH levels before application, as acidic conditions may not be suitable for all plants.

High Analysis: DAP fertilizer typically contains around 18% nitrogen and 46% phosphorus, providing a concentrated source of nutrients for plants. DAP fertilizer is suitable for a wide range of crops, including fruit trees, vegetables, cereals, and forage crops. It can be used in various agricultural systems to meet the nutritional needs of different plant species.

TEST	SPECIFICATIONS
Quality Specification	Agricultural Grade
CAS	7783 – 28 – 0
Molecular Formula	(NH4)2HPO4
Nitrogen	18.0% by weight minimum
Ammoniac Nitrogen Form	15.5% by weight minimum
Total Nitrogen in form of Urea	2.5% by weight maximum
Neutral Ammonium Citrate Soluble	46.0% by weight minimum
Water Soluble Phosphate (P_2O_5)	41.0 by weight minimum
Moisture	1.5% by weight maximum
Particle Size	Not less than 90% of the material shall pass through 4mm IS sieve and be retained on 1mm IS sieve. Not more than 5% shall be below 1 mm size.
Color	Dark Brown
Standard	Internationally Accepted Standard for DAP18 – 46 – 0

Delivery & Delivery Types

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CIF & FOB On Vessel

EXW Warehouse

25 kg Bags
50 kg Jumbo Bags

Big bags

Bulk Delivery

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MAP 11-52

Monoammonium Phosphate

MAP 11-52, also known as Monoammonium phosphate, is a type of fertilizer commonly used in agriculture.

Nitrogen and Phosphorus Source: MAP provides both nitrogen and phosphorus, essential nutrients for plant growth. Nitrogen is important for leaf development and overall plant growth, while phosphorus supports root development, flowering, and fruit formation.

High Phosphorus Content: MAP 11-52 contains approximately 11% nitrogen and 52% phosphorus. This high phosphorus content provides an effective source of this nutrient for plants.

Acidic pH: MAP typically has a slightly acidic pH. This may lower soil pH, which may not be suitable for some plants. It's important to monitor soil pH and follow appropriate application guidelines.

Water Solubility: MAP readily dissolves in water, allowing plants to quickly access nutrients.

Suitable for Various Plant Types: MAP is suitable for a wide range of crops, including fruit trees, vegetables, cereals, and forage crops. It offers a versatile application and can be used in different agricultural systems.

TEST	TYPICAL PERCENT	GUARANTEED PERCENT
Total Nitrogen, as N	11.1	11.0 min.
Total P_2O_5	52.5	
Available P_2O_5	52.4	52.0 min.
Citrate Insoluble P_2O_5	0.1	
Water Soluble P_2O_5	45.2	
Moisture P_2O_5	0.8	
Fluoride as F	0.6.	
Sulfate, as SO_4	4.5	

Delivery & Delivery Types

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EXW Warehouse

25 kg Bags
50 kg Jumbo Bags

Big bags

Bulk Delivery

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LEONARDITE

Leonardite is a natural source of organic matter used in the field of plant nutrition. It is commonly utilized in soil conditioners, organic fertilizers, and the production of some surfactants.

Organic Matter: Leonardite is an organic substance that can enhance root development and improve soil structure, thereby increasing soil fertility.

Humic Acids: Leonardite contains humic acids, which are a type of humus found in soil. Humic acids can improve soil chemical and physical properties, increase nutrient retention, and enhance soil water-holding capacity.

Enhanced Microbial Activity: Leonardite can stimulate microbial activity in the soil, promoting the proliferation of beneficial microorganisms naturally present in the soil and improving biological processes that support plant health.

TEST	SPECIFICATIONS
Total Organic Matter	26,6
Total Humic+Fulvic Acid	16,6
Organic Carbon	15,0
Moisture	24,0
Fulvic Acid	0,46
Organic Nitrogen	0,5
Total Sulfur Trioxide (SO3)	2,5
Water Soluble Silicon (SiO2)	38,6
Ammonia Nitrogen (NH3)	0,13%
Ammonium Nitrogen (NH4)	%0.236

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CIF & FOB On Vessel

EXW Warehouse

25 kg Bags
50 kg Jumbo Bags

Big bags

Bulk Delivery

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TSP
Triple superphosphate

Triple superphosphate (TSP) is a fertilizer produced with phosphoric acid and ammonia. It meets the phosphorus needs of plants and promotes root development, flowering, and fruit formation.

High Phosphorus Content: TSP has a significantly high phosphorus content, which effectively meets the phosphorus needs of plants crucial for processes like root development, flowering, and fruit formation.

Quick Action: TSP is moderately soluble, allowing plants to absorb it rapidly. This provides a swift response during periods of rapid growth or phosphorus deficiency.

Nitrogen-Phosphorus Balance: TSP does not contain nitrogen and provides only phosphorus. It can be used in conjunction with nitrogen-containing fertilizers to ensure balanced nutrition for plants.
Acidic pH: TSP typically has an acidic pH, which may lower soil pH and may not be suitable for some plants. It's essential to monitor soil pH and follow appropriate application guidelines.
TSP is a widely used phosphate fertilizer to enhance plant growth and productivity in agriculture.

INSPECTION ITEMS	UNIT	QUALIFIED GRADE
Total P_2O_5	%	46 min
Active P_2O_5	%	44 min
Water Soluble P_2O_5	%	37 min
Free Acid as P_2O_5	%	5 min
Moisture	%	4 min
Parcial Size	1-4.75mm	90%min

Delivery & Delivery Types
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CIF & FOB
On Vessel

EXW
Warehouse

25 kg Bags
50 kg Jumbo Bags

Big bags

Bulk
Delivery

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SOP 0-0-50
Triple superphosphate

Sulfate of potash (SOP), also known as potassium sulfate, is a type of fertilizer that serves as a source of potassium. Here are its characteristics

Potassium Source: SOP is an important source of potassium for plants. Potassium is essential for promoting overall plant growth, regulating water balance, increasing resistance to diseases, and promoting fruit ripening.

High Purity: SOP is in the form of potassium sulfate, which means it has high purity. This ensures that the potassium provided to plants is pure and effective.

Sulfur Content: SOP provides sulfur to plants as it is in the sulfate form. Sulfur is an important element for protein synthesis and nutrient uptake in plants.

Low Salt Content: Compared to other potassium fertilizers, SOP has low salt content. This can help reduce soil salinity and may be a more suitable option for some plants.

Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Crystalline solid. Powder. Grains.
Color	: Colourless to white
Odor	: Odourless
Odor threshold	: No data available
pH	: 2.5 - 5
Melting point	: 1067 °C
Freezing point	: Not applicable
Boiling point	: 1689 °C
Flash point	: Not applicable
Relative evaporation rate (butyl acetate=1) :	No data available
Flammability (solid, gas)	: No data available
Explosion limits	: Not applicable
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: 2.7
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 2661 kg/m³
Molecular mass	: 174.26 g/mol
Solubility	: Soluble in water.
Water	: 11 g/100ml

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CIF & FOB
On Vessel

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Warehouse

25 kg Bags
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Big bags

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KCL
Potassium chloride

Potassium chloride (KCL) is a fertilizer containing potassium. It helps regulate water balance in plants and promotes overall growth.

Potassium Source: Potassium chloride serves as an important source of potassium for plants. Potassium plays vital roles in regulating water balance, conducting photosynthesis, developing disease resistance, and promoting fruit ripening in plants.

High Solubility: KCl is readily soluble in water, facilitating rapid uptake by plants and easy access of nutrients to the roots.

Low Salinity: Compared to some other potassium fertilizers, potassium chloride has a lower salt content. This provides potassium to plants without increasing soil salinity.

Acidic pH: Potassium chloride may slightly decrease soil pH. Therefore, it's important to monitor soil pH and apply it in appropriate amounts, as some plants may not thrive in acidic soils.
Versatile Applications: Potassium chloride is widely used in agriculture and is suitable for many different types of plants. It can be applied to various crops such as fruit trees, vegetables, grains, and industrial crops.

Characteristic	Requirement	Method of Test
Potash content (as K2O), % by mass, min.	60.0	Annex A
Sodium content (as NaCl), % by mass, max.	3.5	Annex B
Moisture, % by mass, max.	0.5	Annex C

Delivery & Delivery Types
Please specify your loading preference in your order.

CIF & FOB On Vessel

EXW Warehouse

25 kg Bags
50 kg Jumbo Bags

Big bags

Bulk Delivery

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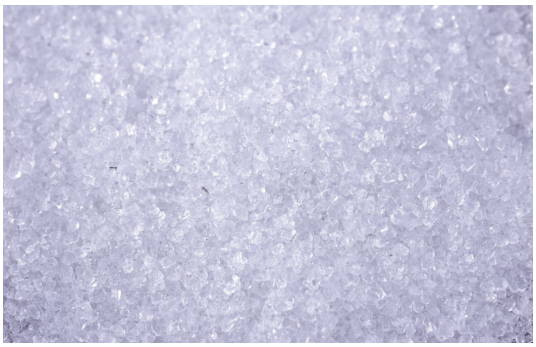
MKP 0-52-34

Monopotassium Phosphate

MKP (Monopotassium phosphate) 0-52-34 is a type of fertilizer that provides phosphorus and potassium to plants.



Phosphorus and Potassium Source: MKP is a fertilizer that contains both phosphorus and potassium for plants. Phosphorus is essential for processes like root development, flowering, and fruit formation, while potassium plays roles in water balance, disease resistance, and fruit ripening.

High Analysis: MKP has a high analysis, with a content of 52% phosphorus pentoxide (P2O5) and 34% potassium oxide (K2O). This high analysis provides nutrients to plants quickly and effectively.
Water Solubility: MKP dissolves easily in water, allowing plants to access nutrients rapidly and aiding in nutrient uptake by roots.

Acidic pH: MKP typically has a slightly acidic pH. This may lower soil pH, which may not be suitable for some plants. It's important to monitor soil pH and follow appropriate application guidelines.
Wide Range of Applications: MKP is suitable for various types of plants, including fruit trees, vegetables, grains, and ornamental plants. It offers a wide range of applications and can be used in different agricultural systems.

ITEM	UNIT	STANDARD	TYPICAL
Purity	% min.	99.0	99.1
Appearance	—	white crystalline powder	white crystalline powder
Phosphorous [P]	% min.	22.60	22.70
Phosphorous Pentoxide	% min.	52.00	52.10
[P2O5] Potassium [K]	% min.	28.60	28.61
Potassium Oxide [K2O]	% min.	34.00	34.02
pH of 1% Solution	—	4.3 – 4.7	4.6
Moisture	% max.	0.10	0.10
Arsenic [As]	ppm, max	50.0	40.0
Chloride [Cl]	% max.	0.025	—
Water Insoluble material	% max.	0.01	0.01

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CALCIUM NITRATE

Calcium nitrate is a fertilizer used to meet the calcium and nitrogen needs of plants. It contributes to the strengthening of cell walls in plants and overall growth.

Source of Calcium and Nitrogen: Calcium nitrate provides both calcium and nitrogen to plants. Calcium strengthens plant cell structures and promotes growth, while nitrogen stimulates the development of green parts of the plants.

High Solubility: Calcium nitrate is easily soluble in water. This allows plants to quickly access nutrients and facilitates nutrient uptake by the roots.

Nitrate and Calcium Ions: Calcium nitrate supplies nitrate and calcium ions that can be rapidly absorbed by plants. This ensures that plants receive the necessary nutrients quickly and effectively.

Non-Acidic pH: Calcium nitrate typically has a non-acidic pH. This does not affect soil pH and supports healthy plant growth.

Free of Chloride: Calcium nitrate does not contain chloride. This prevents the accumulation of chloride salts, which can be harmful to plants, and reduces soil salinity.

SPECIFICATION	
Total Nitrogen (ammoniacal and nitrate form) percent by weight, Minimum	– 15.5
Nitrate Nitrogen as N percent by weight, minimum	- 14.5
Water soluble calcium (as ca) percent by weight, minimum	- 18.5
Matter insoluble in water percent by weight, maximum	- 1.5

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Warehouse

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AN N21%
Ammonium nitrate

Ammonium nitrate fertilizer is a type of fertilizer that provides nitrogen to plants. Here are the characteristics of ammonium nitrate fertilizer

Nitrogen Source: Ammonium nitrate is a fertilizer that supplies nitrogen to plants. Nitrogen stimulates the growth of green parts of plants, is essential for protein synthesis, and supports overall plant growth.

High Nitrogen Content: Ammonium nitrate has a high nitrogen content. This allows plants to quickly and effectively uptake nitrogen.

Fast-Acting: Ammonium nitrate can be rapidly taken up by plants. This provides a quick response during periods of rapid growth or nitrogen deficiency.

Acidic Tendency: Ammonium nitrate may contribute to acidic pH in soil. Therefore, it's important to regulate soil pH and use it in appropriate amounts.

Application Areas: Ammonium nitrate has a wide range of applications in agriculture and is suitable for many different types of plants. It can be used in various crops such as cereals, vegetables, fruit trees, and forage crops.

INFORMATION ON PHYSICAL AND CHEMICAL PROPERTIES:	
Molecular Formula	: NH4NO3
Molecular Weight	: 80.04
Appearance	: Solid white to off-white granules
Odour	: Negligible
Odour threshold	: Not relevant
Vapor density	: Not relevant
pH	: Not relevant (Typically 4.5 – 6.5 in 10% w/w aq. solution @ 25 °C)
Melting point	: 169.6 °C (337.3 °F) (Initial boiling point and boiling range not available)
Critical Temperature	: Not available
Decomposition Temperature	: 210 °C (410 °F)
Autoignition Temperature	: Not available
Flash point	: Not relevant
Evaporation rate	: Not relevant

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CIF & FOB
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EXW
Warehouse

25 kg Bags
50 kg Jumbo Bags

Big bags

Bulk
Delivery

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PRIMARY COMPANY DETAILS

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Registration Number	: 1179
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E-mail	: info@blacksea.com.tr
Registered Address	: Free Zone - Gazimagusa / Cyprus Slbt No: 1179 - Pb. No: 1167