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BESTWIN PETROCHEM

TO BE BEST PARTNER
TO BE BEST WINNER





COMPANY BRIEF INTRODUCTION

Professional services



Established in 2007, BESTWIN is a comprehensive trading company in fertilizers and raw materials, petrochemicals. BESTWIN's principal strength is in establishing and managing complex supply chains critical in international trading. The company name is derived from our slogan: **TO BE BEST PARTNER, TO BE BEST WINNER!**

By forging strategic alliances with key producers, suppliers, shipping company, ports & banks, we are able to create our reliable and robust supply chain. The company has a modern management system and powerful technical force. It mainly specializes in import and export trades and agency business of fertilizers, sulphur and petrochemicals.

Managed by a dedicated team of dynamic and seasoned professionals, BESTWIN has chance to optimize our procurement, financing and logistics and sales operations, to cater to the diverse requirements of our clients. Since its foundation, BESTWIN has established friendly business relationships with many large-scale enterprises. It also formed a complete marketing network and very stable clients both in domestic and overseas. With the effort of our colleagues, and trust of clients, BESTWIN has achieved a rapid growth & market expansion in past years. Now BESTWIN has a presence globally through our partners, agents, and clients.

BESTWIN has been acknowledged as a solid and reliable business partner across various sectors of industries. Our mission is to deliver products, services and solutions of the highest quality, to achieve excellence in our business and to create win-win business by establishing business partnership.

Fertilizer

PHOSPHATE FERTILIZER



DI AMMONIUM PHOSPHATE (DAP 18-46)



- **Usage:** DAP is a high concentration, quick-acting fertilizer, it suits to all kinds of crops and soil, especially suit to the crops which needs nitrogen and phosphate. It also can be used as basic fertilizer for producing compound fertilizer.
- **Packing:** In 25kg, 50kg, big bag, bulk.
- **Technical Specification:**

Total Nutrients	64% min
Total Nitrogen	18% min/17.5% min
Total Phosphate (as P ₂ O ₅)	46% min
Moisture	2.0% max
Granular Size	1-4mm,90% min
Color	Dark brown/yellow/grey
Appearance	Granular

MONO AMMONIUM PHOSPHATE (MAP)



- **Usage:** MAP suits to all kinds of crops and soil, especially suit to the crops which needs nitrogen and phosphate. It is the best fertilizer during the period of crop growth. Do not mix it with alkaline fertilizer otherwise it will reduce the efficiency. It also can be used as basic fertilizer for producing compound fertilizer.
- **Packing:** In 25kg, 50kg, big bag, bulk.
- **Technical Specification:**

Total Nutrients	55%,57%,58%,60%
Moisture	2.0% max
Appearance	Powder or Granular
Color	White or off-white

TRIPLE SUPER PHOSPHATE (TSP)



- **Usage:** TSP fertilizer is a high purity, water soluble, quick-acting phosphate fertilizer, the effective phosphorus content is 2.5-3.0 times of SSP, TSP can be used as base fertilizer, additional fertilizer, seed fertilizer and the raw material of compound fertilizer.
- **Packing:** In 25kg, 50kg, big bag, bulk.
- **Technical Specification:**

Total Phosphate (as P ₂ O ₅)	46% min
Moisture	5.0% max
Appearance	Grey Granular

SIMPLE SUPER PHOSPHATE (SSP)



- **Usage:** SSP is a fast-acting phosphate fertilizer. 85-90% can easily soluble in water. It can be used as basal fertilizer, foliage top-dressing. It also can be used as the material of NPK.
- **Packing:** In 25kg, 50kg, big bag.
- **Technical Specification:**

Total Phosphate (as P ₂ O ₅)	18% min
Moisture	4.0% max
Appearance	Grey Granular

NP/NPK COMPOUND FERTILIZER

NP16-20/NP16-20+13S/NP20-20/NP20-20+13S/NP23-21+4S/NP19-38+7S, etc.

- **Packing:** In small bag below 10kg, 25kg, 50kg, big bag, bulk.
- **Technical Specification:**

NP16-20



Total Nutrients	36% min
Total Nitrogen	16% min
Total Phosphate (as P ₂ O ₅)	20% min
Moisture	2.0% max
Appearance	White or off-white granular

NP20-20



Total Nutrients	40% min
Total Nitrogen	20% min
Total Phosphate (as P ₂ O ₅)	20% min
Moisture	2.0% max
Appearance	White or off-white or dark brown

*Dark brown is specific for Pakistan market.

NP20-20+13S



Total Nutrients	40% min
Total Nitrogen	20% min
Total Phosphate (as P ₂ O ₅)	20% min
Moisture	2.0% max
Sulphur	13% min
Appearance	White or off-white granular



NP23-21+4S



Total Nutrients	44% min
Total Nitrogen	23% min
Total Phosphate (as P ₂ O ₅)	21% min
Moisture	2.5% max
Sulphur	4% min
Appearance	White or off-white granular

NP19-38+7S



Total Nutrients	57% min
Total Nitrogen	19% min
Total Phosphate (as P ₂ O ₅)	38% min
Moisture	2.5% max
Sulphur	7% min
Appearance	White or off-white granular

NPK12-12-12/NPK14-14-14/NPK15-15-15/ NPK16-16-16

- **Packing:** In 9-9.9kg, 25kg, 50kg, big bag.
- **Technical Specification:**

NPK12-12-12



Total Nutrients	36% min
Total Nitrogen	12% min
Total Phosphate (as P ₂ O ₅)	12% min
Total Potassium (as K ₂ O)	12% min
Moisture	2.0% max
Appearance	White or off-white granular

NPK14-14-14



Total Nutrients	42% min
Total Nitrogen	14% min
Total Phosphate (as P ₂ O ₅)	14% min
Total Potassium (as K ₂ O)	14% min
Moisture	2.0% max
Appearance	White or off-white granular

NPK15-15-15



Total Nutrients	45% min
Total Nitrogen	15% min
Total Phosphate (as P ₂ O ₅)	15% min
Total Potassium (as K ₂ O)	15% min
Moisture	2.0% max
Appearance	White or off-white granular

NPK16-16-16



Total Nutrients	48% min
Total Nitrogen	16% min
Total Phosphate (as P ₂ O ₅)	16% min
Total Potassium (as K ₂ O)	16% min
Moisture	2.0% max
Appearance	White or off-white granular

NITROGEN FERTILIZER

UREA-prilled/granular



- **Usage:** Urea can be used as base fertilizer, additional fertilizer and seed fertilizer. Urea is suitable to all kinds of crops and soils.
- **Packing:** In 25kg, 50kg, big bag, bulk.
- **Technical Specification:**

Total Nitrogen	46% min
Biuret	1.0% max
Moisture	0.5% max
Color	White
Particle Size	Prilled 0.85-2.80mm,90% min
	Granular 2.80-4.875mm,90% min

AMMONIUM SULPHATE

- Caprolactam grade
- Steel grade
- Compact granular

- **Uses:** It is the best fast release, quick acting fertilizer, can be directly used for a variety of soil and crops. It is also an important material for producing compound fertilizer.
- **Packing:** In 25kg, 50kg, big bag, bulk.
- **Technical Specification:**





WATER SOLUBLE FERTILIZER

STRAIGHT FERTILIZER (water soluble raw material)
TMAP/MKP/UP/NOP/CN/CAN

WATER SOLUBLE NPK (can produce by customer requests' formula)
NPK20-20-20/NPK18-18-18(+TE)

Water soluble fertilizers (WSF), is a fully water soluble multi-compound fertilizer; it quickly dissolves in water, is more easily absorbed by crops, and its absorption and utilization is relatively high, most important is that it can be applied to drip irrigation and other agricultural facilities, to achieve the integration of fertilizer, water and fertilizer to reach the performance of water and labor saving. In general, water soluble fertilizers can contain all the nutrients needed for plant growth, such as N, P, K, Ca, Mg, S, and trace elements.

As a fast-acting water-soluble fertilizer nutrients it more comprehensive, and according to the characteristics of different crops need fertilizer corresponding to different fertilizer formulations, widely used in vegetable, fruit, flowers, grain, cotton, oil and other types of crops. Traditional fertilizer do not have the advantage that it can improve crop quality, reduce crop physiological diseases, saving water, saving fertilizer, but also saves labor.

- ✓ 100% SOLUBLE WITH WATER
- ✓ FAST ACTING
- ✓ MORE NUTRIENTS
- ✓ WATER SAVING
- ✓ PHYSIOLOGICAL DISEASES REDUCING
- ✓ CROP QUALITY IMPROVING
- ✓ FORMULAS ADJUSTABLE AGAINST DIFFERENT CROPS
- ✓ MORE SUPERIOR THAN TRADITIONAL FERTILIZER



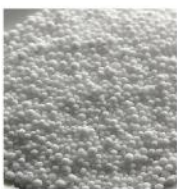
Caprolactam grade

Total Nitrogen	21% min
Free Acid	0.2% max
Moisture	0.5% max
Color	White or off-white



Steel grade

Total Nitrogen	20.5% min
Free Acid	0.3% max
Moisture	1.0% max
Color	White or off-white



Compact granular

Total Nitrogen	20.5% min
Free Acid	0.3% max
Moisture	1.0% max
Color	White or off-white

AMMONIUM CHLORIDE (AC)



- **Usage:** It is a base fertilizer and normally used for top-dressing.
- **Packing:** In 25kg, 50kg, big bag, bulk.
- **Technical Specification:**

Appearance	White powder
Nitrogen Content (on Dry Basis)	25% min
Moisture Content	0.5% max
Sodium Content	0.8% max

AMMONIUM NITRATE



- **Packing:** In 25kg, 50kg, big bag, bulk.

AN Content (count based on Air-Dry Basis)	99.5% min
Free Water Content	0.6-1% max
10%AN Water Solution PH value	4.0% min
Matter content not dissolve in 10% nitric acid	0.2% max
Average crushing strength of Granular(N/Granular)	5% min
Granular Dimension(Φ1.0-2.8mm)	85% min
N Content (count based on Air-Dry Basis)	34% min

STRAIGHT FERTILIZER MONO AMMONIUM PHOSPHATE TECH GRADE TMAP



- **Properties:** White crystal, easily soluble in water.
- **Usage:** It is a basic raw material for producing water soluble compound fertilizer.
- **Packing:** In 8-9.9kg, 25kg, 50kg, big bag, bulk.
- **Technical Specification:**

Main contents	99.0/98.5% min
Phosphorus pentoxide(P ₂ O ₅)	61.0
Nitrogen	12.0/11.8% min
Moisture	0.2% max
Water insolubles	0.1% max



CALCIUM NITRATE-CN



- **Properties:** White crystal, easily soluble in water.
- **Usage:** It is a basic raw material for producing other nitrate. In agricultural area it is a typical fast-acting leaf fertilizer for providing calcium and nitrogen fast.
- **Packing:** In bag, bulk.
- **Technical Specification:**

Main contents	99.0% min
Calcium Oxide (CaO)	23.0% min
Nitrogen(as N)	11.7% min
Fe	0.01% max
Sulfate	0.02% max
Heavy Metals	0.001% max
Water insoluble	0.02% max
Chloride	0.005% max

MONO POTASSIUM PHOSPHATE-MKP



- **Properties:** White or colorless crystal, easily soluble in water.
- **Usage:** It is a basic raw material for producing water soluble compound fertilizer.
- **Packing:** In 8-9.9kg, 25kg, 50kg, big bag, bulk.
- **Technical Specification:**

Main contents	99.0% min
Phosphorus pentoxide(P ₂ O ₅)	52.0% min
Potassium oxide(as K ₂ O)	34.0% min
Moisture	0.2% max
Water insoluble	0.1% max

CALCIUM AMMONIUM NITRATE-CAN



- **Properties:** White granular or grey granular, easily soluble in water.
- **Usage:** It is a basic raw material for producing other nitrate. In agricultural area it is a typical fast-acting leaf fertilizer for providing calcium and nitrogen fast.
- **Packing:** In 25kg, 50kg bag, bulk.
- **Technical Specification:**

Nitrogen	15.5% min
Nitrate Nitrogen	14.0% min
Ammonium Nitrogen	1.5% min
Calcium	18.5% min
Water insoluble	0.2% max
Fe	0.005% max

UREA PHOSPHATE TECH GRADE-UP



- **Properties:** White or colorless crystal, easily soluble in water.
- **Usage:** It is a basic raw material for producing water soluble compound fertilizer.
- **Packing:** In 8-9.9kg, 25kg, 50kg, big bag, bulk.
- **Technical Specification:**

Main content	98% min
Phosphorous pent oxide(P ₂ O ₅)	44% max
Nitrogen(as N)	17.0% min
Moisture	0.2% max
Water insolubles	0.1% max

POTASSIUM NITRATE-NOP



- **Properties:** White crystal, easily soluble in water.
- **Usage:** It is a basic raw material for producing water soluble compound fertilizer.
- **Packing:** In 8-9.9kg, 25kg, 50kg, big bag, bulk.
- **Technical Specification:**

Nitrogen	13.5%min
K ₂ O	45%min
Chloride	0.36% max
Moisture	0.12% max



WATER SOLUBLE NPK

We are supplying following 100% water soluble NPK(+TE) fertilizers. We can also produce according to client's special formula.

- NPK20-20-20(+TE)
- NPK18-18-18(+TE)
- NPK13-40-13(+TE)
- NPK30-10-10(+TE)
- NPK15-15-30(+TE)
- NPK10-52-10(+TE)
- NPK16-8-24(+TE)
- NPK15-30-15(+TE)
- NPK15-5-40(+TE)
- NPK30-10-15(+TE)
- NPK10-30-20(+TE)



MICRO-NUTRIENTS FERTILIZER

Micro-nutrients fertilizer can provide micro elements to plants, such as copper, boric, Mo, Fe and Zinc. They are mainly some inorganic salts and oxidizing materials. It can be compounded to fruit trees leaf fertilizers or vegetable leaf fertilizers.

ZINC SULPHATE



- **Properties:** White fluid powder, soluble in water, slightly soluble in alcohols, insoluble in acetone, easily deliquescent in the air.
- **Usage:** It is used as fertilizer and feed additive, prevents the fruits seeding plant disease and treatment of circulating cooling water.
- **Packing:** 25kg, 50kg, big bags, bulk.
- **Technical Specification:**

Zinc Sulphate Monohydrate

Zn	35% min
As	5ppm max
Pb	15ppm max
Cd	10ppm max

Zinc Sulphate Heptahydrate Chemical formula: ZnSO₄·7H₂O

Zn	21% min
As	5ppm max
Pb	15ppm max
Cd	10ppm max

MANGANESE SULPHATE MONOHYDRATE



- **Properties:** Light rose red tiny crystals, soluble in water, insoluble in acetone.
- **Usage:** It is used as trace manganese element fertilizers, a basic material for producing compound fertilizer.
- **Packing:** 25kg, 50kg, big bags, bulk.
- **Technical Specification:**

MnSO ₄	98% min
Mn	31.8% min
As	5ppm max
Pb	15ppm max

MAGNESIUM SULPHATE



- **Properties:** White granular or powder.
- **Usage:** It is used as basal fertilizer and additional fertilizer.
- **Packing:** 25kg, 50kg, big bags, bulk.
- **Technical Specification:**

Magnesium Sulphate Monohydrate

MgO	25% min
PH	5.0-9.2
Cl	0.014% max
As	0.0002% max

Magnesium Sulphate Heptahydrate

MgO	16% min
PH	5.0-9.2
Cl	0.014% max
As	0.0002% max

FERROUS SULPHATE MONOHYDRATE



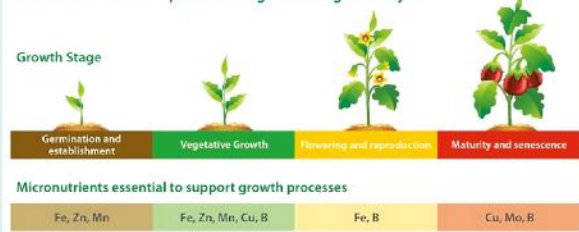
- **Properties:** Light blue crystal powder.
- **Usage:** It is used as basal fertilizer and additional fertilizer.
- **Packing:** 25kg, 50kg, big bags, bulk.
- **Technical Specification:**

Fe	30% min
Arsenic (As)	5ppm max
Cd	10ppm max



CHELATED MICRONUTRIENTS

Micronutrients are required throughout the growth cycle



Chelated micronutrients dissolve fully and rapidly in water, and are easily absorbed by plants.

Designed for fertigation and foliar application, dissolves fully and rapidly in water.

Chelated Micronutrients are the ideal complement for plant nutrition in a broad variety of crops, for optimal development and best yield.

Several organic substances (chelating agents) are used to produce chelates. EDTA is the most common synthetic chelating agent and is used for both soil and foliar applied nutrients. DTPA is used mainly for chelates applied to alkaline soils. It is more effective than EDTA but is usually more expensive.

Iron chelates made with EDDHA are the most effective iron fertilizers on high pH soils but are also the most expensive.

We supply following Chelated micronutrients:

- ✓ EDTA-Fe13
- ✓ EDTA-Ca10
- ✓ EDTA-Cu15
- ✓ EDTA-Mg6
- ✓ EEDTA-Mn13
- ✓ EDTA-Zn15
- ✓ Chelated Mixture EDTA
- ✓ DTPA-Fe11
- ✓ EDDHA-Fe6
- ✓ EDDHA-Fe6-2.4%
- ✓ EDDHA-Fe6-3.0%
- ✓ EDDHA-Fe6-4.8%
- ✓ EDDHA-Fe6-4.2%

OTHER FERTILIZER

SEAWEED FERTILIZER



- **Formula:** Seaweed Extract fertilizer.
- **Properties:** Black powder, black granular or black liquid.
- **Packing:** 10kg, 25kg, big bag, IBC.
- **Usage:** It is a kind of fertilizer produced by brown seaweed or compounded by a certain number of NPK and trace elements.
- **Technical Specification:**

Odor	Smell of Seaweed
PH	9.5
Organic matter	45%
Moisture	1.0% max

HUMIC ACID GRANULAR



- **Usage:** Humic acid is a kind of macromolecular organic matter which widely exists in the nature. It can be produced various fertilizers with NPK. The fertilizer compounded with Humic acid can increase the effect and improve the soil and the quality of agricultural products.



Sulphur

- **Properties:** lump or granular.
- **Packing:** bulk, big bag.

We import 300kt-500kt sulphur annually, mainly from Middle East, the Former Soviet Union, United States & Canada, where sour gas and oil is processed and refined, and supply to phosphate fertilizer producers in China as one of main raw materials.

Today, almost all elemental sulphur is produced as a byproduct of removing sulfur-containing contaminants from natural gas and petroleum. China is the world's largest importer, followed by Morocco, India.

*All above specifications are typical, final specs subject to contract.



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