



YAQOOT AL-BAHR

Trading and Business

www.yaqootsea.com





Who We Are?

Our company is engaged in international trade of mineral commodities, with a specialized focus on phosphate rock and a wide range of agricultural fertilizers (DAP, TSP, SSP, and others), as well as industrial- and food-grade phosphoric acid. In addition, we operate in the petrochemical sector, supplying products such as urea, sulfur, and various chemical and polymer materials.

The extensive background and long-standing expertise of the company's principals in the mineral and related industries provide a strong foundation for delivering reliable and professional services.

With comprehensive logistics capabilities, we are able to supply products under various delivery terms and offer shipping services across the Mediterranean Sea, the Black Sea, East Asia, and the Gulf region.

Vision

01. To build long-term partnerships through consistent value and service excellence.
02. To deliver sustainable products supported by efficient logistics worldwide.



What Is Phosphate?

Phosphate is a naturally occurring compound that contains the element phosphorus (P), commonly found in the form of rock phosphate. As one of the most important non-metallic minerals in the global economy, phosphate—particularly in its raw and processed forms—plays a critical role across multiple industries. More than 90% of global phosphate production is used in agriculture, while the remainder supports various chemical, food, pharmaceutical, and technological applications.

The primary chemical composition of phosphate is fluorapatite ($\text{Ca}_5(\text{PO}_4)_3\text{F}$) or hydroxyapatite ($\text{Ca}_5(\text{PO}_4)_3\text{OH}$).

Applications of Phosphate

01. Agriculture and Fertilizer Production (over 90% of global consumption)

Phosphate is the essential base material for phosphate fertilizers, which are vital for replenishing phosphorus in soil and enhancing crop productivity.



A) Chemical Phosphate Fertilizers

- ☼ TSP (Triple Superphosphate)
- ☼ DAP (Diammonium Phosphate)
- ☼ MAP (Monoammonium Phosphate)
- ☼ NPK (Nitrogen, Phosphorus, Potassium)

Widely used in modern agriculture, horticulture, greenhouse farming, and industrial crop production.

B) Direct Application

In acidic soils ($\text{pH} < 5.5$), phosphate gradually dissolves & releases phosphorus for plant uptake.

02. Technology and Energy

- ☼ Advanced lithium-ion batteries
- ☼ Fuel cells

03. Food and Beverage Industry

Purified phosphates, such as phosphoric acid & sodium/ potassium/ calcium phosphate salts, are used as food additives.

Note: In many regions (e.g., the European Union), the use of phosphates in detergents is restricted, while their use in food is permitted under the strict standards of the Codex Alimentarius.



02. Pharmaceutical & Healthcare Industry

- ⌘ Antacids
- ⌘ Mineral supplements
- ⌘ Biomaterials
- ⌘ Aqueous solutions and electrolytes in hospitals



04. Chemical & Industrial Applications

- ⌘ Phosphoric Acid (H_3PO_4)
- ⌘ Anti-corrosion coatings
- ⌘ Paints and resins
- ⌘ Fire retardants:



04. Environmental & Recycling Applications

- ⌘ Phosphorus removal from wastewater
- ⌘ Phosphorus recovery from sewage sludge

Note: More than 90% of global phosphate consumption is related to fertilizers and agriculture.



Global Confirmed Phosphate Reserves (2024, USGS)

Rank	Country	Confirmed Reserves (thousand tons)	Rank	Country	Confirmed Reserves (thousand tons)
1	Morocco	50,000,000	8	Brazil	1,600,000
2	China	3,700,000	9	South Africa	1,500,000
3	Australia	⁵ 1,100,000	10	Saudi Arabia	1,000,000
4	Egypt	2,800,000	10	Jordan	1,000,000
5	Tunisia	2,500,000	10	United States	1,000,000
6	Russia	2,400,000	10	Finland	1,000,000
7	Algeria	2,200,000			

Kazakhstan, Syria, Peru, Uzbekistan, Turkey, Israel, Senegal, India, Mexico, Vietnam, and Togo also hold notable phosphate rock reserves in the global ranking.





Phosphate Rock Exporters

(IFA 2024 Estimate)

	Country	Estimated Exports 2024 (thousand tons)		Country	Estimated Exports 2024 (thousand tons)
1	Morocco	28,000	13	Kazakhstan	300
2	Jordan	9,500	14	Egypt	260
3	Tunisia	2,200	15	Vietnam	240
4	Senegal	2,100	16	Algeria	200
5	Togo	1,300	17	Finland	180
6	Syria	1,200	18	Uzbekistan	160
7	Peru	1,100	19	Israel	140
8	South Africa	900	20	Guinea-Bissau	100
9	Brazil	800	21	Congo	80
10	Australia	700	22	Argentina	35
11	Turkey	500	23	North Korea	~30
12	Iran	350	24	Others	<20,000

Note: China, USA, Saudi Arabia, Russia, Mexico, India,Indonesia do not export raw phosphate rock; their exports consist exclusively of processed derivatives.



Egypt

Ability to supply in various grades.

Ability to deliver under various terms.



In Egypt, phosphate is one of the most important minerals, mainly used in the fertilizer industry. Egypt's phosphate reserves are mainly concentrated in the south of the country, especially in the Eastern Desert and the Bahria Oasis, as well as in the Quseir region in the Red Sea Governorate.

The most important phosphate mines in Egypt are:

Mine	P ₂ O ₅	Annual Output	Location	Port
Hamrawein	29-32%	5-7 MT	Albahr alahmar Governorate, 80 km south of Safaga city	Hamrawein
Abu Tartur	22-26%	3.5-4 MT	Western Desert, alvady aljadid Governorate, 700 km southwest of Cairo	Ain Sokhna
Quseir	20-24%	3-5 MT	Albahr alahmar Governorate, 650 km southeast of Cairo	Quseir
Read sea mines	27.4-30.7%	-	In the Gulf of Suez and along the Red Sea coast	Suez Port
Sebaia	27.3-33%	5 MT	In the western Egyptian desert, near the town of Sebaia	Sidi Kerir (Alexandria)

Hamrawein Port is Egypt's only dedicated phosphate port, with a loading capacity of approximately 4,000-5,000 metric tons per day.



Syria

Ability to supply in various grades.
Ability to different deliver terms.

Syria is one of the oldest and richest holders of high-grade phosphate reserves in the Middle East. This mineral has always played a strategic role in the country’s fertilizer industry and national food security. Phosphate rock extracted from these regions grading 28–32% P_2O_5 possesses globally competitive quality. However, mining activities over the past decade have faced serious challenges due to the civil war, international sanctions, and deteriorating infrastructure, causing production to drop to less than one-third of its pre-2011 capacity.

Despite these obstacles, recent efforts to rebuild the sector and attract foreign investment particularly through the Tartus corridor as the primary export port demonstrate the strong potential for this vital industry to return to sustainable production.

Mine	P_2O_5	Annual Output	Location	Port
Al Sharqiyah	28–32%	1.8 MT	Homs Governorate, near the city of Palmyra, in Syria’s Eastern Desert	Tartus
Khunayfis	30–34%	0.8 MT	As-Suwayda Governorate, approximately 30km southwest of As city	Tartus
Al-Tha’lah	26–30%	0.2–0.4 MT	As-Suwayda Governorate, approximately 20km south of As-suwayda city	Tartus



Jordan

Jordan is one of the Middle East's oldest and most stable phosphate producers, and the industry has long played a strategic role in the national economy. Since the 1930s, phosphate has been a major source of foreign exchange, supported by the country's large, high-grade reserves over one billion metric tons with a competitive 28–32% P_2O_5 content. Over the past nine decades, Jordan has developed fully integrated infrastructure from the Wadi Al-Far'a mines to the port of Aqaba for extracting, processing, and exporting phosphate and its derivatives. Today, the Jordan Phosphate Mines Company (JPMC) is the country's leading fertilizer raw material producer and a reliable supplier to Asian, European, and Latin American markets. Despite global and regional challenges, Jordan's phosphate sector continues to advance sustainably by increasing value added production, reducing water and energy use, and strengthening its position in advanced fertilizers.



Mine	P_2O_5	Annual Output	Location	Port
Wadi Al-Far'a	28–32%	2.5–3 MT	Tafilah Province	Aqaba
Al-Hasa	26–30%	0.7–1 MT	Al-Karak Province	Aqaba
Al-Abiyadh	27–31%	0.3–0.5 MT	Southwest of Tafilah	Aqaba



Morocco

Confirmed Reserves: 50 billion metric tons
Global Share: 70% of the world's total

Annual Production (2024)

Production Volume: 25-30 billion metric tons
Global Rank: 2nd worldwide, after China
Primary Producer: OCP Group



Morocco plays a pivotal role in global food security, with nearly 70% of the world's proven phosphate reserves. It is the only strategic player with both large reserves and a complete vertical production chain from mining to fertilizer. However, the concentration of some of these reserves in the Western Sahara region, coupled with geopolitical challenges, has led international buyers to seek alternative sources with high legal transparency such as Egypt and Togo.

Mine	P ₂ O ₅	Annual Output	Location	Port
Khouribga	28-33%	25-30 MT	Béni Mellal-Khénifra Province, 25 km south of Khouribga city	Jorf Lasfar Safi Agadir
Benguerir	28-31%	3-5 MT	Central Province, 60 km northwest of Marrakesh city	Jorf Lasfar
Youssoufia	23-27%	1 MT	Marrakesh-Safi Province, 50 km southwest of Safi city	Safi
Bou Craa	31-34%	2.2-2.5 MT	Western Sahara	Laâyoune



Russian

Confirmed Reserves: ~ 2.4 billion metric tons

Global Share: 3.4 % of known global

Annual Production (2024)

Production Volume: 14 million metric tons

Global Rank: 4th largest phosphate-rock



Russia holds some of the world's largest high-grade phosphate (apatite) reserves, mainly in the Kola Peninsula, where major mines like Kovdor and Khibiny operate. The country is a leading global supplier of phosphate concentrates and a major producer of fertilizers such as DAP and MAP. With strong mining and processing infrastructure, Russia is viewed as a reliable partner in the global phosphate market. Rising demand in Asia, Africa, and Latin America, along with government support and a shift toward sustainable industry practices, is expected to drive growth. The Russian phosphate market is projected to grow at a 4.37% CAGR from 2025 to 2035, reaching USD 4 billion by 2035.

Mine	P ₂ O ₅	Annual Output	Location	Port
Kovdor Mine (PhosAgro)	39-42%	4.5 MT	Murmansk region, northwestern	Murmansk Ust-Luga
Khibiny Massif (Apatity)	38-41%	10 MT	Kola Peninsula, Murmansk Oblast	Murmansk
Kingisepp (PhosAgro)	-	~3 MT	Leningrad	Ust-Luga
Gremyachinskoe (EuroChem)	~25-28%	~4 MT	Volgograd Oblast	Novorossiysk



South African

South Africa is one of Africa's most established and integrated phosphate producers, centered on high-grade apatite deposits in the Phalaborwa region. The country has a complete phosphate value chain—from mining to fertilizer production—and serves international markets across Africa, Europe, and Asia.



The industry is dominated by Foskor, a state-linked company that produces high-purity phosphate rock and operates a major DAP plant in Richards Bay. With carbonatite-hosted apatite containing 36–40% P_2O_5 , South Africa offers some of the highest-grade non-Moroccan phosphate globally, making it a reliable and strategic global supplier.

Mine	P_2O_5	Annual Output	Location	Port
Phalaborwa Complex	36–40%	2.2 MT	Limpopo	Richards Bay
Mokopane (Lerala) Deposit	28–32%	-	Limpopo	-
Kwaggasvlakte Deposit	15–19%	-	Leningrad	-
Gravelotte Deposit	15%<	-	Limpopo	-
Penge (near Phalaborwa)	36–40%	-	Limpopo	-
Burgersfort Phosphate Belt	20–25%	-	Limpopo	-



Logistics

Based on our extensive experience and strong relationships with international logistics companies and ocean freight carriers worldwide, as well as with several land transportation companies and operators in various countries, our company is able to arrange cargo delivery under various international commercial terms (Incoterms).



Quality Control and Cargo Inspection

The quality of the goods, in accordance with the submitted and mutually agreed analysis, is measured and verified at the origin by local and international laboratories located at the export points, as well as by internationally recognized inspection companies, in terms of both quantity and quality and in compliance with other applicable international standards throughout the production and transportation processes.

The goods are delivered to the customer upon delivery in conformity with the approved specifications, and the option for quality control and inspection at the destination is also available.

Moreover, at all stages of the process, the presence of the customer's representative is fully permitted.



Packing

Phosphate rock is available in different packaging options, including bags and bulk shipments. However, for large-volume orders, bulk transport remains the most common and cost-effective method, widely used in international trade.



**Bulk cargo
shipping**



Jambo Bags

**Land bulk
transportation**



50kg Bags





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