



KERMANZAMIN
Chemical Industries

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**KERMAN
ZAMIN**



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KERMANZAMIN

Chemical Industries



Enriching agriculture for over 50 years with premium organic and chemical fertilizers, alongside essential agricultural inputs

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KERMAN ZAMIN



Kerman Zamin

Chemical Industries

Kerman Zamin Chemical Industries. has been honored as the first selected national unit in fertilizer production by the Ministry of Agriculture of Iran, showcasing our pioneering role in advancing the agricultural landscape.

Beyond borders, we extend our reach to over many countries worldwide and neighboring nations.

Through collaborations and partnerships, we exchange research insights and offer our products globally. This international perspective enriches our knowledge, contributing to the continued evolution of our solutions.

Join the Kerman Zamin Chemical Industries. family on our journey to cultivate a future where agriculture thrives sustainably, in harmony with the Earth. Your trusted partner in agriculture — dedicated to the prosperity of farmers, the protection of our environment, and the security of food resources for generations to come.

agriculture

Introduction

Kerman Zamin

Chemical Industries

Kerman Zamin Chemical Industries, your steadfast partner in agriculture since 1973, is committed to propelling the farming community forward through cutting-edge research, farmer-centric consultation, and the production of chemical and organic fertilizers under the distinguished brand Jonoobgan.

As the farmers' friend, our outreach extends far and wide, with over 4000 sales points across Iran, making our fertilizers easily accessible to every corner of the country. Our expansive network reflects our dedication to supporting farmers at a grassroots level, ensuring that the benefits of our products reach all.

At the heart of our success is our big family — a team of over 300 employees who collectively shape the identity of Kerman Zamin Chemical Industries. United by a common purpose, our team works tirelessly to advance sustainable agriculture, foster environmental protection, and secure food resources for generations to come.

Our commitment to excellence is underscored by our state-of-the-art laboratories, recognized as the country's best by the Soil and Water Institute of Iran. These laboratories form the cornerstone of our research, ensuring the highest quality and innovation in our products.

Moreover, we proudly hold various certifications, including ISO 9001 (Quality Management System), ISO 10004 (Quality management – Customer satisfaction), ISO 14001 (Environmental Management System), and OHSAS 18001 (Health and Safety Management System), affirming our dedication to consumer satisfaction and the highest industry standards.

Mission

Our mission is to lead in the production and distribution of high-quality, affordable organic and chemical fertilizers. Through cutting-edge, knowledge-driven technologies, we are dedicated to meeting the evolving needs of today's farmers. Our commitment extends beyond profitability to foster a sustainable agricultural culture, ensuring a resilient and thriving environment for future generations.

- Increase farmer's profitability
- Increasing production and improving the quality of products
- Environmental care
- Innovation and sustainable development of agricultural industry

With more than 50 years of experience, knowledge, skills and efforts, we are proud to be with the farmers of our green homeland of Iran.



Vision

Our approach is nutrition management based on the 4R framework:



RIGHT SOURCE

Matches Inputs type to crop needs



RIGHT TIME

Makes Inputs available when crops needs them



RIGHT RATE

Matches amount of Inputs type crop needs



RIGHT PLACE

Keep Inputs where crops can use them

Our attitude nutrition management based on the 4R framework:

- Right Source use of the best and most reliable resources in production
- Right Rate products with high quality and reasonable price
- Right Timeline customer and consumer needs at the best time
- Right Place Fair distribution and extensive product shipments throughout the customers

Since 1973

1973-1976

Molecule Company is established for agricultural fertilizers, partnering with US universities. The Molecule Soil Science Laboratory becomes the first private laboratory partner of the Soil and Water Institute. Porbar brand is registered, and foliar fertilizer production begins.

1989-1990

Formation of a study group leads to the establishment of Kerman Zamin Chemical Industries Company. The company's laboratory becomes a trusted partner of the Soil and Water Institute.

1992-1996

Liquid fertilizer production line is set up, and Jonoobgan brand is registered. Environmental care initiatives are implemented, and production expands to include antifreeze.

1998-2000

Iron chelate and zinc sulfate production lines are established. Macro-granular fertilizer production begins, and studies for potassium sulfate fertilizer commence.

2002-2005

First continuous production line of granulated fertilizer is completed, and organic fertilizer production begins. The company changes its name to Kerman Zamin Chemical Industries and earns recognition as the first selected national fertilizer producer. An agricultural consulting and orchard management department is established, and a macro irrigation fertilizer production line is introduced.



2006-2011

Promotion and educational efforts increase, with participation in international exhibitions and honors from the Environmental Protection Organization.

2012-2015

Expansion continues with the establishment of an organic pellet fertilizer production line. The company initiates a fertilizer quality control and registration office, cooperates with international organizations, and undertakes fundamental changes in organizational methods. Agricultural consulting extends to Iraq, and the company engages in production and export for European markets.

2016-2017

The company is recognized as an exemplary industrial unit and receives a certificate of compliance with consumer rights. Transformation in the marketing and sales model occurs, including participation in national conferences and rebranding as Jonoobgan.

2018-2019

Further honors follow as the best private laboratory, with studies for launching pesticide and toxin production lines. Cooperation with farmer empowerment plans and agricultural engineering systems expands.

2020-2022

The company is honored as a model industrial unit, registers the Paksh Keshavarz brand, and undergoes rebranding as Kerman Zamin Laboratory. Operations include the establishment of a distribution company, international marketing, and obtaining licenses for innovative knowledge bases.



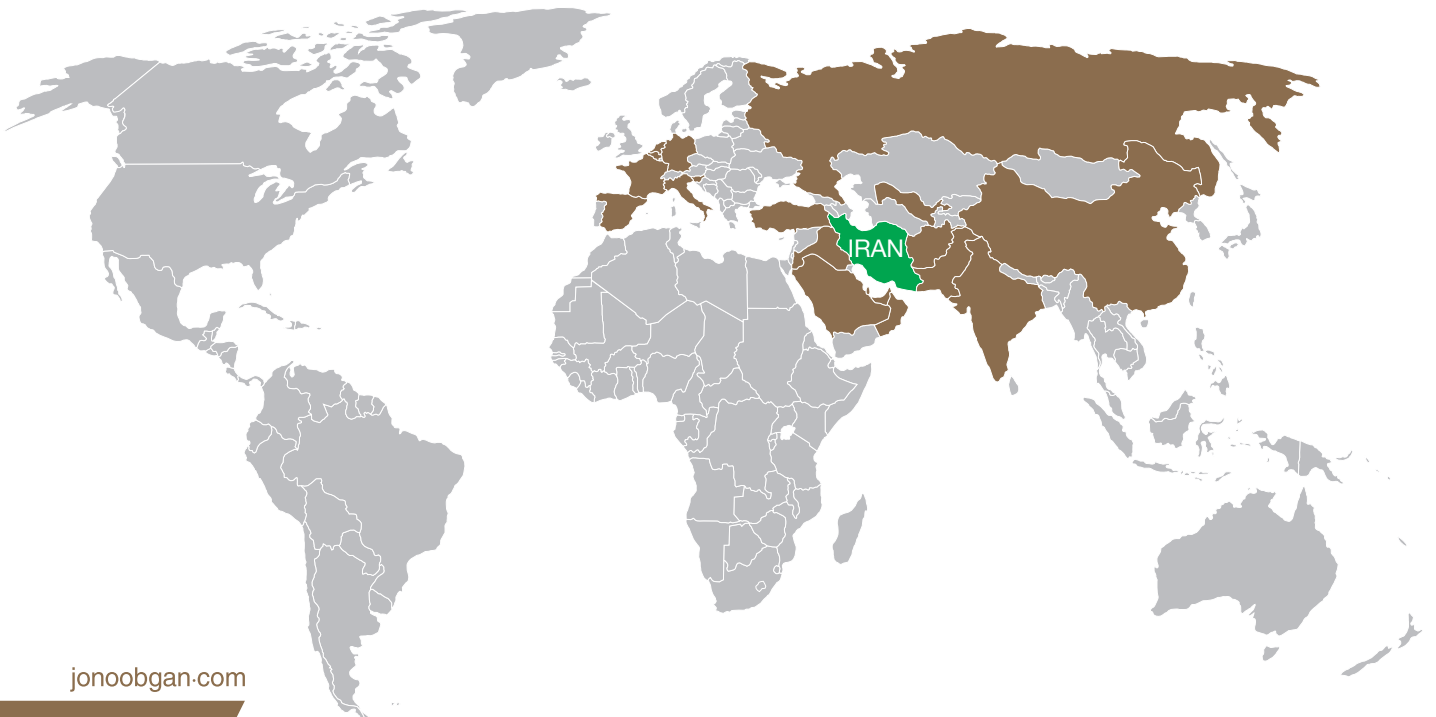
**KERMAN
ZAMIN**



Determining Superior Agricultural Standards

KZCG

Kerman Zamin Corporate Group (KZCG) is a reputable Agrochemical company with extensive experience to set premium standards in agriculture in Iran and partner countries.



jonoobgan.com

Our Divisions

KZCG has 3 main business divisions

- Pakhsh Keshavrz (Commerce & Distribution Network)
- Kerman Zamin Chemical Industries (Solid Fertilizers & Nutrients Production, KZ Lab)
- Molecule Co. (Liquid Fertilizers & Nutrients Production, Molecule Lab)

Each of KZCG's business division operates with the goal of serving customers, especially farmers, according to consumer and market needs. More than 5 decades of experience and knowledge is KZCG's credibility in the production and distribution of agricultural inputs, services and training for farmers and customers.

Kerman Zamin
Chemical Industries



The outstanding reputation of Pakhsh Keshavarz with high experience in the distribution of various inputs to more than 4000 sales agents is founded on satisfying the expectations of end users as well as all the beneficiary partners in the business having close cooperation with expert agronomists Ministry of Agriculture academic institutes agriculture sale agents...

Pakhsh Keshavarz is responsible for Supply chain management in KZCG group providing in-house products as well as outsourcing to domestic and international suppliers. Our core competency is strong expertise in business development branding marketing and distributing of agriculture products in Iran and neighboring countries with an affiliated network of specialized marketing and distribution agents.

Pakhsh Keshavarz is developing its activities in various fields below:

- Pesticides
- Seeds & Seedlings
- Agricultural tools and implements





IRAN

Despite the diverse climatic conditions in Iran, plant nutrition and pesticide management requires up-to-date knowledge and an expert and active team that KZCG with the cooperation of more than 70 experts and more than 100 specialized agricultural centers, has been selected as the top nutrients expert brand in IRAN.



Our Brands

*Jonoobgan
Coquelicot*

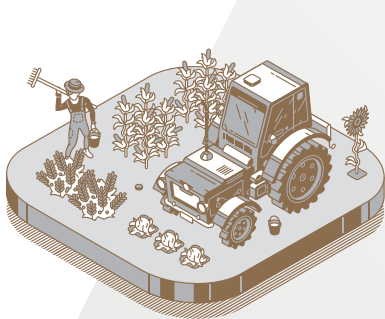


JONOOBGAN products brand with more than 30 years of experience in fertilizers and nutrients business with a focus on better service at points of sale aims to improve customer satisfaction. Jonoobgan's fertilizer portfolio currently covers more than 70 products plus formulas made for custom needs.

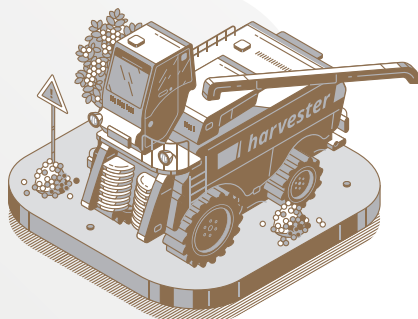


COQUELICOT products brand is our European products which has been available to a wide range of our customers since 2020 as high quality products with high manufacturing technology.

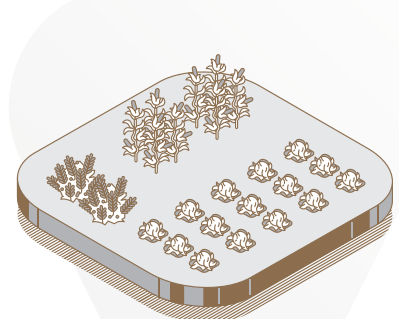
Our Services



- Training and agricultural laboratory services for farmers and customers



- Production And Distribution of Agricultural Inputs



- Integrated supply chain - everything agriculture needs

Laboratories

Kerman Zamin

Chemical Industry

Laboratory Complex

Welcome to the pinnacle of scientific excellence at the Kerman Zamin Chemical Industry Laboratory Complex – the vanguard of innovation and reliability in agricultural, chemical, and environmental analysis.

A Legacy of Excellence

Since 1973 With over 50 years of unwavering dedication and credibility, Kerman Zemin Laboratory and Molecule Laboratory proudly serve as trustees of the esteemed Soil and Water Research Institute under the Ministry of Agriculture. As the first private laboratory complex, our commitment spans the diverse fields of agriculture, food, chemicals and minerals, and animal and poultry feed.

Our Mission:

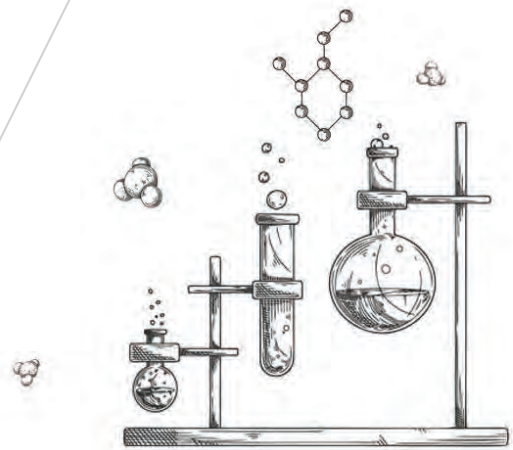
Driven by a profound commitment to uplift the standard of living and enhance the health of society, our mission is to provide unparalleled laboratory results marked by reliability and quality. The accolade of being selected as the best private soil science laboratory in the years 2020 and 2022 stands as a testament to our unwavering pursuit of excellence.



Laboratory



Laboratory



Elevating Customer Satisfaction:

At the heart of our performance is a dedication to elevate customer satisfaction through a multifaceted approach:

- **Expert Team:** Our laboratory thrives with capable, expert, and qualified professionals ensuring the precision and accuracy of every test result.
- **Continuous Training:** We foster motivation and elevate skill levels through ongoing and necessary training programs.
- **Advanced Equipment:** The expansion of our laboratory services is fueled by the provision and utilization of cutting-edge equipment.
- **Collaboration:** We maintain proper communication with competent suppliers and contractors, ensuring seamless operations.
- **Global Knowledge Exchange:** By staying at the forefront of global knowledge and technology, we actively exchange insights with advanced laboratory centers worldwide.
- **Innovation:** We champion innovation and creativity, creating platforms and processes tailored to meet the diverse needs of all our customers.

Dynamic Agricultural landscape

*Fast
Accurate
Quality Service*



Fast, Accurate, Quality Service:

In today's dynamic agricultural landscape, farmers and gardeners rely on soil science laboratories to optimize both quantity and quality. Our laboratories provide indispensable insights into soil and water conditions, coupled with tests for leaves and the use of quality inputs, thereby enhancing agricultural productivity. Kerman Zamin Chemical Industries, since its inception, has been the beacon of laboratory services, consistently expanding and updating to meet the evolving needs of farmers and industry producers.





Comprehensive Laboratory Services:

Explore a range of specialized services designed to empower decision-making:

**Agricultural and Soil
Science Laboratory**

**Water
Laboratory**

**Leaf
Laboratory**

**Animal Feed, Food, and
Beverages Laboratory**

**Chemical Materials and
Metal Alloys Laboratory**

**Environmental
Laboratory**

**Fertilizer
Laboratory**

**Research
Laboratory**

At Kerman Zamin Chemical Industry Laboratory Complex, we believe that high accuracy, coupled with speed, is paramount in serving our esteemed partners. Our commitment is to empower decision-makers with results they can trust.

KERMAN ZAMIN





92%

57%

85%

92%

98%



39

39

**KERMAN
ZAMIN**

جنوبگان
JONOObGAN

Products

*Jonoobgan
Coquelicot*



Jonoobgan

*Foliar fertilizers, Irrigation fertilizers, Granular NPK fertilizers
Ornamental Plants fertilizers, Adjuvants*

Products

The result of the research and experience of Kerman Zamin Chemical Industries experts is the design and production of more than 70 types of chemical and organic fertilizers containing macro and micro elements, available in granular, powder, and liquid forms. These fertilizers are utilized for foliar application, irrigation, and soil use. Additionally, adjuvants and fertilizers for ornamental the plants

are among our other products, all of which fulfill the nutritional requirements of agricultural crops across various growing seasons.

Foliar fertilizers



Foliar fertilization is the fastest way to deliver nutrients to the plants . in the sensitive stages of plant growth and when it is possible to supply.

If nutrients are not readily available through irrigation (such as rainfed crops), spraying can be the best method to provide the plant's nutritional needs.

Jonoobgan foliar fertilizers, with a unique variety of macro, micro and complete powder and liquid fertilizers with high solubility and absorption rate, provide complete range of nutrients for all the plants.



► SuperSwing SP (Chelate of micronutrients)

Packaging	Brand
1 kg (powder), 10 kg (powder)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	6.0%
Iron (Fe) chelated	5.0%
Zinc (Zn) chelated	6.0%
Manganese (Mn) chelated	4.0%
Copper (Cu) chelated	1.0%
Molybdenum (Mo)	0.05%
Calcium (CaO)	0.9%
Amino Acid	1.0%
Fulvic Acid	0.5%
Humic Acid	0.08%

- Quick fixer of micronutrients deficiency
- Contains a significant amount of micronutrients in the form of amino acids and carboxylic acids chelates
- It contains nitrogen for better absorption of micronutrients
- Contains organic acids as a growth stimulant
- High stability of the formulation in alkaline pHs
- High solubility and low required dosage
- Can be used for most crops and orchards in the form of foliar application and irrigation



► High Potash + Micro 10-0-30 SP

Packaging	Brand
1 kg (powder)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	10.0%
Potassium (K ₂ O) soluble	30.0%
Iron (Fe) soluble	1.4%
Zinc (Zn) soluble	1.0%
Manganese (Mn) soluble	0.7%
Copper (Cu) soluble	0.2%
Amino Acid	1.0%
Fulvic Acid	0.5%
Humic Acid	0.1%
Seaweed Extract	0.1%

- It contains a considerable amount of chelated micronutrients
- Contains organic acids as a growth stimulant
- High stability of the formulation in alkaline pHs
- It contains nitrogen for better absorption of micronutrients
- High solubility and low required-dosage
- Quick fixer of micronutrients deficiency
- Can be used for most crops and orchards in the form of foliar application and irrigation



► FortyKa SL (Potassium Amino chelate)

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Potassium (K ₂ O) chelated	40.0%
Amino Acid	5.0%

- Contains 40% chelated potassium based on polycarboxylic acid
- Contains 5% L - amino acids
- Very fast effect and absorption
- Increasing Plant resistance to environmental stresses
- improving fruit color and size
- Increasing the plant's resistance to frost and reducing its adverse effects
- Increasing the quality, improving the marketability and taste of the agricultural products



► PhiKaSol SL

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)

Potassium (K ₂ O) soluble	50.0%
Phosphate (P ₂ O ₅) tot	50.0%

- Contains potassium phosphite with the highest amount of phosphorus and potassium
- Fast absorption through the leaf due to the smaller size of the phosphite molecule compared to phosphate
- Recommended to strengthen the immune system and increase the resistance of the plant against root fungal infection
- Pseudo Peronospora chubbiness, plant death and root rot
- Improves plant nutrition with fungicidal properties at the same time
- Improves the quality and coloring of fruits



► Cu PhiKaSol SL

Packaging	Brand
0.5 liter	Jonoobgan

Guaranteed analysis (W/V)

Nitrogen (N) tot	7.0%
Phosphate (P ₂ O ₅) tot	25.0%
Potassium (K ₂ O) soluble	16.0%
Copper (Cu)	2.5%
Copper (Cu) soluble	1.0%

- Suitable for better coloring and improving the quality of fruits
- Increases plant resistance to environmental stresses
- Controller of plant fungal diseases due to the presence of copper ion next to phosphite
- Increases photosynthesis and chlorophyll in the the plants
- Increasing the amount of protein and the activity of plant enzymes
- Developer of nucleic acids in the the plants
- Improving the energy transfer process in the plant
- Increasing the amount of sugar and starch in the the plants



► PhiKaTrix SL (Potassium phosphite)

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)

Potassium (K ₂ O) soluble	20.0%
Phosphate (P ₂ O ₅) tot	30.0%

- Suitable for better coloring and improving the quality of fruits
- Increases plant resistance to environmental stresses
- Improving the rooting process due to the presence of phosphorus
- Increases photosynthesis and chlorophyll in the plants
- Increasing the amount of protein and the activity of plant enzymes
- Improves the flowering process and thus increases the yield
- Increasing the amount of sugar and starch in the plants



► Bitsol 3-4-6 SL

Packaging	Brand
20 liters, 5 liters, 1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Nitrogen (N) tot	3.0%
Phosphate (P ₂ O ₅) ava	4.0%
Potassium (K ₂ O) soluble	6.0%
Iron (Fe) chelated	0.1%
Zinc (Zn) chelated	0.1%
Manganese (Mn) chelated	0.1%
Copper (Cu) chelated	0.006%
Boron (B) chelated	1.0%
Calcium (CaO) chelated	0.5%
Magnesium (MgO) chelated	0.5%
Amino Acid	6.0%
Fulvic Acid	5.0%
Seaweed Extract	1.0%

- Contains a high percentage of organic matter, amino acids, fulvic acid and Seaweed extract
- It has a balanced percentage of macro and micro nutrients for general nutrition
- Has a high percentage of boron, recommended for tuberous the plants
- Improving pollination and fruit formation
- Stimulating growth and reducing the effects of environmental



► ZincaSol 70 SC (Zinc suspension)

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Zinc (Zn) tot	70.0%

- A rich source of absorbable zinc in micronized form
- Improves product performance and quality by strengthening the synthesis of nucleic acids and increasing auxin metabolism and enzyme activity
- High absorption and quick elimination of Zinc deficiency
- Eliminates chlorosis, small and narrowing of young leaves and increases the growth of branches
- Enhances pollination and clustering
- Preventing buds and flowers from falling
- Easy Usage and high compatibility with other fertilizers and pesticides



► ZincaSol 35 SC (Zinc suspension)

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Nitrogen (N) tot	4.0%
Zinc (Zn) tot	35.0%

- High absorption and fast elimination of Zinc deficiency Enhancing buds and flowers
- Increase pollination and proper clustering of the plant
- Helping to form carbohydrates and stimulate seed formation
- Increasing chlorophyll production, respiration, regulating growth and accelerating maturity



► ChelaBor SL (Boron ethanolamine)

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)

Nitrogen (N) tot	6.5%
Boron (B) chelated	14.0%

- Increasing sugar percentage in field crops and fruits
- Regulation and translocation of water and plant sap in the plant
- Improve calcium and potassium uptake
- Increase and strength of flowers and fruits
- Direct effect on cell division, stability and formation of buds and flowers
- Recommended for all the plants, especially Borophilic crops such as sugar beet, sugar cane sunflower, soybean, potato, tomato, lettuce and fruit trees



► Fruitset SL

Packaging	Brand
20 liters, 5 liters, 1 liter	Jonoobgan

Guaranteed analysis (W/V)

Nitrogen (N) tot	7.0%
Zinc (Zn) chelated	5.0%
Boron (B) chelated	2.0%
Amino Acid	2.0%
Fulvic Acid	0.5%
Seaweed Extract	0.5%

- Contains essential elements of nitrogen, zinc and boron for better pollination and clustering
- Contains amino acid, Seaweed extract and fulvic acid to increase plant resistance against environmental stresses
- Enhancing germination and pollen tube growth
- Stimulates root growth and development
- Increases cell strength and plant resistance against adverse weather changes



► FruitSet Plus SL

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)

Nitrogen (N) tot	9.0%
Zinc (Zn) chelated	7.0%
Boron (B) Sol	2.0%
Copper (Cu) chelated	0.1%
Molybdenum	0.02%
Amino Acid	12.0%
Seaweed Extract	1.0%
Organic Materials	22.0%

- It contains all the necessary elements for plant pollination and clustering
- Enhancing germination and pollen tube growth
- It contains high level of amino acids and organic matter in order to strengthen the plant in unfavorable conditions
- Increases the strength of flowers and buds



► Iron Minasol SL (Iron amino acid chelate)

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Iron (Fe) chelated	9.0%
Potassium (K ₂ O) soluble	5.0%
Amino Acid	5.0%

- Quick remover of signs of Fe chlorosis in the plants leaves
- Increasing cellular respiration, protein and chlorophyll level in the plants
- Improving fruit quality due to the presence of amino acids and potassium
- Can be used as foliar application and irrigation
- Suitable for all field crops and fruit trees



► Magnesium Minasol SL (Magnesium amino acid chelate)

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Nitrogen (N) tot	10.0%
Magnesium (MgO) chelated	10.0%
Amino Acid	8.0%
Sugar Alcohol	5.0%
Organic Materials	17.0%

- Increasing chlorophyll content and photosynthesis
- improve phosphorus uptake and enzyme activity
- Increasing the level of oil and protein in the plants
- Recommended for magnesium loving the plants such as grapes, apples, vegetables and corn



► Calcium Minasol SL (Calcium amino acid chelate)

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Nitrogen (N) tot	10.0%
Calcium (CaO) chelated	15.0%
Amino Acid	15.0%
Sugar Alcohol	5.0%

- Quick remedy for calcium deficiency in the plants
- Reduces the effects of frost and environmental stresses due to the presence of high amounts of amino acids
- Strengthens the plant's immune system
- Easy and fast translocation of calcium in plant due to sugar alcohols and amino acids in the formulation
- Strengthens tissue and cell walls
- Prevents shriveling and deformation of the leaves
- Increasing the quality and shelf life of the products



► Calcium Bor Minasol SL (Calcium boron amino acid chelate)

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Nitrogen (N) tot	8.0%
Calcium (CaO) chelated	14.0%
Boron (B) chelated	1.0%
Amino Acid	13.5%
Sugar Alcohol	5.0%

- Quick remedy for calcium deficiency in the plants
- inducer of the pollination process
- Strengthening the plant's immune system and increasing the plant's resistance to environmental stresses
- Easy and quick transfer of calcium in the plant due to the presence of boron and sugar alcohols in the formulation
- Increasing the amount of sugar and starch in the plants
- Increases tissue and cell wall strength
- Prevents shriveling and deformation of the leaves
- Increasing the quality and shelf life of the products



► Calcium Magnesium Minasol SL (Calcium magnesium aminocholeate)

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Nitrogen (N) tot	6.0%
Calcium (CaO) chelated	10.0%
Magnesium (MgO) chelated	3.0%
Amino Acid	10.0%
Sugar Alcohol	3.0%
Organic Materials	2.5%

- Rich source of two essential elements calcium and magnesium
- Increasing the metabolism of carbohydrates in the plant
- Increasing oil level in oilseeds
- Development and improvement of enzyme activity and plant performance
- Improving uptake and transfer of phosphorus in the plants and plant seeds
- Increasing chlorophyll and photosynthesis
- high calcium absorption due to chelation with amino acid and sugar alcohol



► Calcium 14 SL

Packaging	Brand
10 liters, 1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Calcium (CaO) sol	14.0%

- Quick remedy for calcium deficiency in the plants
- Increases tissue and cell wall strength
- Increasing product shelf life
- Prevents shriveling and deformation of the leaves
- Improves fruits quality



► SiliKaSol SC (Potassium silicate)

Packaging	Brand
5 liters, 1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Silicon (SiO ₂) soluble	22.0%
Potassium (K ₂ O) soluble	11.0%
Seaweed Extract	2.0%
Amino Acid	2.0%
Fulvic Acid	0.5%
Humic Acid	0.5%

- Strengthens the plant's immune system
- Helping to produce plant enzymes
- Increases resistance to environmental stresses
- Strengthens the cell wall and increases resistance to pests and diseases
- Reducing the toxicity of heavy elements
- Prevention of lodging in rice and cereals
- Reducing evaporation and transpiration in the plants and increasing resistance to drought and hot weather
- Contains 5.0% of various organic acids as a growth stimulant



► Complete Fertilizer SL

Packaging	Brand
0.5 liter, 1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Nitrogen (N) tot	5.5%
Phosphate (P ₂ O ₅) ava	5.0%
Potassium (K ₂ O) soluble	5.0%
Iron (Fe) chelated	0.65%
Zinc (Zn) chelated	0.5%
Manganese (Mn) chelated	0.35%
Copper (Cu) chelated	0.1%
Boron (B) chelated	0.1%
Magnesium (MgO) chelated	0.1%
Amino Acid	2.0%
Fulvic Acid	0.5%
Seaweed Extract	0.5%

- Increases photosynthesis and chlorophyll production in the plants
- Improving vegetative and reproductive growth in the plants
- Providing general nutrition for all field crops and fruit trees
- Contains organic acids and Seaweed extract to increase the performance and resistance of the plants



► FerTriX 20-20-20 SC

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Nitrogen (N) tot	20.0%
Ammoniacal Nitrogen	4.3%
Urea Nitrogen	11.12%
Nitrate Nitrogen	4.58%
Phosphate (P ₂ O ₅) ava	20.0%
Potassium (K ₂ O) soluble	20.0%
Iron (Fe)	0.1%
Zinc (Zn)	0.05%
Manganese (Mn)	0.03%
Copper (Cu)	0.003%
Amino Acid	2.0%
Fulvic Acid	0.5%
Seaweed Extract	0.5%

- Complete fertilizer with a balanced proportion of nitrogen, phosphorus and potassium elements
- Contains micro nutrients
- Contains organic acids to improve performance and increase resistance of the plants
- Contains Seaweed extract as a growth stimulant
- Can be used for field crops and fruit trees
- Optimal formula with high solubility and fast absorption through foliar application



► FerTriX 20-20-20 SP

Packaging	Brand
1 kg (powder)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	20.0%
Ammoniacal Nitrogen	4.3%
Urea Nitrogen	11.12%
Nitrate Nitrogen	4.58%
Phosphate (P ₂ O ₅) ava	20.0%
Potassium (K ₂ O) soluble	20.0%
Iron (Fe)	0.1%
Zinc (Zn)	0.05%
Manganese (Mn)	0.03%
Copper (Cu)	0.003%
Amino Acid	2.0%
Fulvic Acid	0.5%
Seaweed Extract	0.5%

- Complete fertilizer with a balanced proportion of nitrogen, phosphorus and potassium elements
- Micro Elements
- Contains organic acids to improve performance and increase resistance of the plants
- Contains Seaweed extract as a growth stimulant
- Can be used for field crops and fruit trees
- Optimal formula with high solubility and fast absorption through foliar application
- Can be used in modern and pressurized irrigation systems



► Aminogun SP (Free Amino Acid 80%)

Packaging	Brand
0.5 kg (powder)	Jonoobgan

Guaranteed analysis	
Free Amino acid	80.0%

- Contains 18 types of amino acids that can be absorbed in L form
- Increasing plant resistance against environmental stresses
- Increases fruit yield and improves fruit quality
- Reduces plant losses
- Improves germination and vegetative growth



► SeaWeeKa 7-5-12 SL (Seaweed extract)

Packaging	Brand
1 liter	Jonoobgan

Guaranteed analysis (W/V)	
Nitrogen (N) tot	7.0%
Phosphate (P ₂ O ₅) ava	5.0%
Potassium (K ₂ O) soluble	12.0%
Seaweed Extract	25.0%
Iron (Fe)	0.5%
Amino Acid	2.5%
Alginic Acid	4.0%
Organic Materials	20.0%

- Activator of vegetative and reproductive growth
- Increases rooting and germination
- Increases plant resistance against environmental stress
- Increasing yield and product quality
- Contains natural hormones, enzymes, vitamins, beneficial amino acids and polysaccharides



► SulfuGun sc (Sulphur suspension)

Packaging	Brand
1 liter, 5 liter	Jonoobgan

Guaranteed analysis (W/V)	
Sulfur (S)	80.0%

- Contains 80% micronized elemental sulfur in suspension form
- High dispersibility and stability in water
- No clogging of spray nozzles and damage to the leaves
- A very effective formulation to fight pests and plant diseases such as mites, powdery mildew and psyllium



► KaThiosha SL (Liquid sulfur)

Packaging	Brand
1 liter, 5 liters	Jonoobgan

Guaranteed analysis (W/V)	
Sulfur (S) soluble	22.0%
Potassium (K ₂ O) soluble	18.0%

- Contains 22% soluble sulfur equivalent to 55% SO₃
- Contains potassium thiosulfate
- High potassium content with very high absorption rate
- Control of plant diseases such as powdery mildew
- Can be used as foliar application and irrigation

Irrigation fertilizers

Experience and international scientific studies have proven that one of the most effective methods of plant nutrition is providing nutrients through irrigation. Jonoobgan irrigation fertilizers with complete solubility in water can be used, in classical and new irrigation methods, as well as hydroponic and aeroponic systems.



► **Fertrix 20-20-20 SP**

Packaging	Brand
10 kg (powder)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	20.0%
Ammoniacal Nitrogen	4.3%
Urea Nitrogen	11.12%
Nitrate Nitrogen	4.58%
Phosphate (P ₂ O ₅) ava	20.0%
Potassium (K ₂ O) soluble	20.0%
Iron (Fe)	0.1%
Zinc (Zn)	0.05%
Manganese (Mn)	0.03%
Copper (Cu)	0.003%
Amino Acid	2.0%
Fulvic Acid	0.5%

- Complete fertilizer with a balanced proportion of nitrogen, phosphorus and potassium elements
- Contain micro elements
- Contains organic acids to improve performance and increase resistance of the plants
- Can be used for all crops and fruit trees
- High solubility and can be used in pressurized systems



► FerTriX 10-52-10 SP

Packaging	Brand
10 kg (powder)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	10.0%
Ammoniacal Nitrogen	7.2%
Urea Nitrogen	2.65%
Nitrate Nitrogen	0.15%
Phosphate (P ₂ O ₅) ava	52.0%
Potassium (K ₂ O) soluble	10.0%

- Contains 52% available phosphorus along with 20% nitrogen and potassium
- Perfect starter for the beginning of the growing season
- Increases rooting and flowering in the plants
- High solubility ,can be used in pressurized systems



► FerTriX 15-5-30 SP

Packaging	Brand
10 kg (powder)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	15.0%
Phosphate (P ₂ O ₅) tot	5.0%
Potassium (K ₂ O) soluble	30.0%

- Contains high potassium with the right ratio of macro elements for the fruit growth period
- Completely soluble in water and suitable for modern irrigation systems
- Special formula for fruits quality
- Recommended for all field crops, fruits, trees and especially greenhouse products



► FerTriX 12-12-36 SP

Packaging	Brand
10 kg (powder)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	12.0%
Phosphate (P ₂ O ₅) ava	12.0%
Potassium (K ₂ O) soluble	36.0%

- Contains high potassium with the right ratio of macro elements
- Special formula to be used when the fruit fattens
- Completely soluble in water and suitable for modern irrigation systems
- Can be used as irrigation and foliar application



► Suspension 1 (0-8-12) SL

Packaging	Brand
10 liters, 20 liters	Jonoobgan

Guaranteed analysis (W/V)	
Potassium (K ₂ O) soluble	12.0%
Phosphate (P ₂ O ₅) ava	8.0%

- A rich source of phosphorus and potassium
- Recommended for starter at the beginning of the season and consumption during the growing period
- Totally acidic pH with high absorbability in calcareous soils
- Improves other nutrients uptake in alkaline and calcareous soils.
- Can be used in pressurized systems
- Prevents clogging of pipes and drippers



► Suspension 2 SL

Packaging	Brand
10 liters	Jonoobgan

Guaranteed analysis (W/V)	
Iron (Fe)	5.0%
Zinc (Zn)	5.0%

- Rich source of iron and zinc toting 10%
- Acidic pH with high absorption capability in calcareous soils
- Corrects symptoms of chlorosis
- Helping to synthesize proteins, sugar and chlorophyll
- Can be used in pressurized systems
- Prevents clogging of pipes and dripper



► Suspension 3 SL

Packaging	Brand
10 liters	Jonoobgan

Guaranteed analysis (W/V)	
Manganese (Mn)	4.0%
Copper (Cu)	1.2%

- Rich source of copper and manganese
- Acidic pH with high absorption capability in calcareous soils
- Activator of various enzymes in the plants
- Suitable for all the plants, especially wheat and barley, oats, onions and lettuce
- Can be used in pressurized systems
- Prevents clogging of pipes and drippers



► Suspension 4 SL

Packaging	Brand
10 liters	Jonoobgan

Guaranteed analysis (W/V)	
Zinc (Zn)	5.0%
Manganese (Mn)	4.0%

- Rich source of copper and manganese
- Acidic pH with high absorption capability in calcareous soils
- Activator of various enzymes in the plants
- Suitable for all the plants, especially wheat and barley, oats, onions and lettuce
- Can be used in pressurized systems
- Prevents clogging of pipes and drippers



► MICRO SP

Packaging	Brand
10 kg (powder)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	7.0%
Iron (Fe)	7.0%
Zinc (Zn)	4.0%
Manganese (Mn)	3.5%
Copper (Cu)	1.0%
Molybdenum (Mo)	0.003%

- Contains micronutrients needed by the plants
- It has the right percentage of nitrogen for better absorption of micro elements
- increasing of protein and carbohydrate metabolism due to the appropriate percentage of micronutrients
- Effective in increasing plant yield and agricultural product quality
- Increases photosynthesis and synthesis of growth hormones due to the presence of iron and zinc in the formulation
- High solubility and can be used in pressurized systems



► PotaSol SP

Packaging	Brand
10 kg (powder)	Jonoobgan

Guaranteed analysis	
Potassium (K ₂ O) soluble	51.0%
Sulfur (SO ₃)	46.0%

- Simultaneous supply of potassium and sulfur in all stages of growth, especially the final stages of fruit growth
- Increasing the quality of agricultural products
- Accelerates fruit ripening and increases sugar level
- Increasing the resistance of the plants and products to environmental stresses
- Acidic pH with high uptake rate
- Minimum amount of chlorine
- High solubility and suitable for foliar application and fertigation systems



► Potassium Sulfate SP

Packaging	Brand
10 kg (powder)	Jonoobgan

Guaranteed analysis	
Potassium (K ₂ O) soluble	50.0%
Sulfur (SO ₃) soluble	44.0%

- Simultaneous supply of potassium and sulfur in all stages of growth, especially the final stages of fruit growth
- Increasing the quality of agricultural products
- Accelerates fruit ripening and increases sugar level
- Increasing the resistance of the plants to environmental stresses
- Acidic pH with high uptake rate



► Urea Phosphate 18-44-0 SP

Packaging	Brand
25 kg (crystal)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	18.0%
Phosphate (P ₂ O ₅) ava	44.0%

- Simultaneous supply of potassium and sulfur in all stages of growth, especially the final stages of fruit growth
- Increasing the quality of agricultural products
- Accelerates fruit ripening and increases sugar level
- Increasing the resistance of the plants to environmental stresses
- Acidic pH with high uptake rate



► Magnesium Sulfate SP

Packaging	Brand
25 kg (crystal)	Jonoobgan

Guaranteed analysis	
Magnesium (MgO)	16.0%
Sulfur (S)	12.5%

- High purity and suitable for alkaline soils
- Effective in activating enzymes
- improves phosphorus uptake
- Increases photosynthesis and chlorophyll production in the plants
- Increasing oil level in oilseeds
- High solubility and can be used in pressurized systems



► Magnesium Nitrate SP

Packaging	Brand
25 kg (crystal)	Jonoobgan

Guaranteed analysis	
Magnesium (MgO)	15.5%
Nitrogen (N) tot	12.0%

- Simultaneous supply of nitrogen and magnesium
- Phosphorus uptake regulator in the plants
- Increasing the production of starch and sugars
- Effective in maintaining metabolism and citric acid cycle
- Increasing products shelf life
- High solubility and can be used in pressurized systems



► Calcium Nitrate SG

Packaging	Brand
10 kg (Granula)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	15.5%
Calcium (CaO) soluble	26.0%

- Prevention and treatment of calcium deficiency in plants
- Easy to use and store due to granule form and resistance to clumping
- Prevention of corking and softening in apples and pears, and blossom-end rot in crops like bell peppers and tomatoes
- Increased shelf life of fruits
- Enhanced the resistance of plants to pests and diseases
- High solubility and purity (especially for hydroponic systems)



► Calcium Nitrate 12-0-0 SP

Packaging	Brand
25 kg (crystal)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	12.0%
Calcium (CaO)	23.0%

- Increases cell development and cell wall strength
- Prevents physiological disorders such as bitter spot in apples, cork spot in pears, tomato, watermelon blossom end rot
- Soil conditioner and increases plant resistance against salinity
- Effective in activating meristems
- Increases the shelf life of fruits
- High solubility and can be used in pressurized systems



► HumiSol SC (Liquid humic acid 12%)

Packaging	Brand
5 liters, 20 liters	Jonoobgan

Guaranteed analysis (W/V)	
Humic Acid	8.0%
Fulvic Acid	4.0%

- Increases plant yield and product quality
- Increasing soil organic matter
- Effective in root growth and development
- Improves soil nutrient availability
- Increases soil microorganisms' population
- Reducing the adverse effects of environmental stresses such as drought, salinity and frost
- Can be used for seed treatments to improve seeds germination and crop resistance
- Can be used in modern and pressurized irrigation systems



► HumiSol SP

Packaging	Brand
1 kg (powder)	Jonoobgan

Guaranteed analysis	
Potassium Humate	65.0%
Humic Acid	55%
Fulvic Acid	4.0%
Potassium (K ₂ O) soluble	10.0%

- Improves soil quality
- High solubility and low required-dosage
- Improves nutrient uptake by roots
- Increases fruit quality
- Increases soil water holding capacity
- Increases plant resistance against pests and diseases
- Increases beneficial soil microorganism population



► Ferrous Sulfate

Packaging	Brand
25 kg (powder)	Jonoobgan

Guaranteed analysis	
Iron (Fe)	19.0%

- Ferrous sulfate crystal completely soluble in water
- Increases chlorophyll and leaf greenness
- Improving the quantity and quality of products
- Has the lowest limit of heavy elements
- Can be used as placement and fertigation methods



► Zinc Sulfate SP

Packaging	Brand
25 kg (powder)	Jonoobgan

Guaranteed analysis	
Zinc (Zn) soluble	34.0%

- Contains 34% completely soluble zinc
- Plant enzyme activator
- Helping the synthesis of nucleic acids, auxin metabolism and strengthening reproductive buds
- Improving the quantity and quality of products
- Contains the lowest level of heavy elements
- Can be used as placement and fertigation methods



► FerroGun SP (Iron chelate 6%)

Packaging	Brand
1 kg (powder)	Jonoobgan

Guaranteed analysis	
Iron (Fe) chelated	6.0%

- Contains 6% iron in chelated form
- High solubility
- Good stability and uptake in alkaline soils
- Increasing the level of chlorophyll and cellular respiration
- Eliminating symptoms of fe chlorosis in various the plants



► **ReduSAR SC** (Soil salinity corrector)

Packaging	Brand
5 liters, 10 liters	Jonoobgan

Guaranteed analysis (W/V)	
Fulvic Acid	12.0%
Calcium (CaO) chelated	8.0%
Organic Materials	35.0%

- Reduces soil salinity, SAR and ESP
- Release sodium ion and help better leaching
- Correction and improvement of soil structure
- Improves rooting and germination of the plants
- Contains a high percentage of organic acids and calcium
- High solubility and low required dosage



► **SarSol SC** (Soil salinity corrector)

Packaging	Brand
10 liters	Jonoobgan

Guaranteed analysis (W/V)	
Nitrogen (N)	3.0%
Fulvic Acid	5.0%
Calcium (CaO) sol	12.0%
Calcium (CaO) chelated	10.0%
Organic Materials	15.0%

- Soil salinity modifier by neutralizing the sodium content
- Improving the quality of soil structure
- Contains a high percentage of organic matter to improve soil quality
- Strengthens the plants tissue and cell walls
- Reducing the adverse effects of environmental stress
- Increases root development in the soil and uptake of nutrients by the plant
- Increasing soil permeability and improving root access to nutrients



► **SulfaSol SL** (Urea sulfuric acid)

Packaging	Brand
10 liters	Jonoobgan

Guaranteed analysis (W/V)

Nitrogen (N) tot	16.0%
Sulfur (S)	15.0%

- Strong pH reducer of irrigation water
- Modifying soil structure and increasing its permeability
- Reduces the pH of the soil and helps to neutralize the lime
- Increases availability of fixed nutrient in soil
- Provides sulfur and nitrogen with high and fast uptake rate



► **Boron Ethanolamine SL**

Packaging	Brand
10 liters	Jonoobgan

Guaranteed analysis (W/V)

Nitrogen (N) tot	2.0%
Boron (B) Complexed	10.0%

- High solubility and absorption
- Increased cell wall and membrane strength
- Enhanced Calcium uptake
- Improved germination, cell division, yield, and hormone transport
- Increased rate of Carbohydrate transfer and improved seed filling



Granular NPK fertilizers

The most common method of fertilizing the plants is by digging pits and spraying. Granular fertilizers of Jonoobgan with different specialized formulations have been designed and produced in order to provide nutrients needed by various types of agricultural products in different stages of growth. The standard size of Jonoobgan granules has made it possible to use them with various types of fertilizer spreaders. After being placed deep in the soil, these fertilizers are gradually dissolved in water and fed during different irrigation cycles.

Gradually and continuously, they make the necessary nutrients available to plant roots.



▶ Complex 5-3-12

Packaging	Brand
25 kg (granules)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	5.0%
Phosphate (P ₂ O ₅) ava	3.0%
Potassium (K ₂ O) soluble	12.0%
Sulfur (S) tot	15.0%
Iron (Fe) tot	1.0%
Zinc (Zn) soluble	0.5%
Manganese (Mn)	0.5%
Copper (Cu)	0.1%
Calcium (CaO) tot	5.0%

- Combined fertilizer containing macro and micro elements
- Has a general formula suitable for most the plants
- Gradual release of elements
- The ability to improve the soil due to the presence of sulfur and calcium in the formulation
- Can be used in fertilizer distribution equipment



▶ Complex Plus 5-3-12

Packaging	Brand
25 kg (granules)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	5.0%
Phosphate (P ₂ O ₅) ava	3.0%
Potassium (K ₂ O) soluble	12.0%
Sulfur (S) tot	20.0%
Iron (Fe) soluble	1.0%
Zinc (Zn) soluble	0.5%
Manganese (Mn) soluble	0.1%
Copper (Cu) soluble	0.05%
Magnesium (MgO) soluble	1.0%
Calcium (CaO) tot	5.0%
Boron (B) soluble	0.2%

- Complete fertilizer containing eleven macro and micro nutrients
- It has a suitable formulation for all the plants, especially magnesium-loving the plants
- Gradual release of elements
- Recommended for tuberous crops, greenhouses, paddy fields, grapes and almonds
- The ability to improve the soil due to the presence of sulfur and calcium in the formulation
- Can be used in fertilizer distribution equipment



► Complex Fertilizer for Date Palm 5-3-12

Packaging	Brand
25 kg (granules)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	5.0%
Phosphate (P ₂ O ₅) ava	3.0%
Potassium (K ₂ O) soluble	12.0%
Sulfur (S) tot	15.0%
Iron (Fe) tot	1.0%
Zinc (Zn)	0.5%
Manganese (Mn)	0.5%
Copper (Cu)	0.1%
Magnesium (MgO)	0.5%
Calcium (CaO) tot	5.0%

- Combined fertilizer containing nutrients needed by the plants
- Effective in reducing the date bunch fading disorders
- Contains high potassium to increase the quantity and quality of dates
- Improves soil quality due to the presence of sulfur and calcium in the formulation
- Increasing product shelf life



► Fertirus 0-12-25

Packaging	Brand
25 kg (granules)	Jonoobgan

Guaranteed analysis	
Phosphate (P ₂ O ₅) ava	12.0%
Potassium (K ₂ O) soluble	25.0%
Sulfur (S) tot	11.0%
Iron (Fe)	1.0%
Calcium (CaO) tot	2.0%

- Increasing the quantity and quality of products due to the presence of high potassium
- Contains iron to correct iron chlorosis symptoms
- Gradual release of elements
- Usable for all agricultural plants, especially citrus fruits and fruit trees
- Can be used in fertilizer distributing equipment



▶ Macro 10-6-10

Packaging	Brand
50 kg (granules)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	10.0%
Phosphate (P ₂ O ₅) ava	6.0%
Potassium (K ₂ O) soluble	10.0%
Zinc (Zn)	0.6%

- Contains macro elements in balanced ratio
- Contains Zinc
- Gradual release of elements
- Easy application
- Can be used for all agricultural the plants



▶ Organo Complex 5-3-7

Packaging	Brand
25 kg (granules)	Jonoobgan

Guaranteed analysis	
Nitrogen (N) tot	5.0%
Phosphate (P ₂ O ₅) ava	3.0%
Potassium (K ₂ O) soluble	7.0%
Organic Materials	10.0%

- Improving soil structure and ventilation
- Increasing plant access to soil nutrients and increasing soil water holding capacity
- Increasing the cation exchange capacity of the soil
- Providing mineral elements needed by the plant with an optimal and balanced ratio
- Increase rooting and root development

Ornamental Plants fertilizers

Proper nutrition of houseplants and ornamental pots is one of the important principles of their long-term maintenance. The household fertilizers of this collection can meet all the nutritional needs of the plants through spraying (spraying on the leaves) and irrigation in an easy-to-use method and make them fresh in all seasons.



► Ornamental plant spray

Packaging	Brand
400 ml	Jonoobgan

- Combined fertilizer containing nutrients needed by the plants
- Effective in reducing the date bunch fading disorders
- Contains high potassium to increase the quantity and quality of dates
- Improves soil quality due to the presence of sulfur and calcium in the formulation
- Increasing product shelf life

Guaranteed analysis

Nitrogen (N) tot	240 ppm
Phosphate (P ₂ O ₅) ava	200 ppm
Potassium (K ₂ O) soluble	200 ppm
Iron (Fe) chelated	5.6 ppm
Zinc (Zn) chelated	4.8 ppm
Manganese (Mn) chelated	4.0 ppm
Copper (Cu) chelated	2.0 ppm
Boron (B) chelated	0.6 ppm
Molybdenum (Mo) chelated	0.2 ppm
Amino Acid	280 ppm
Seaweed Extract	60 ppm

Adjuvants

Lack of availability of suitable and high-quality water for foliar fertilizers and pesticides often lead to the reduction of their efficiency.

While improving the quality of water, the Jonoobgan adjuvants have increased the absorption of nutrients by the plant and increase fertilizers and pesticides efficiency.

► Ionic Surfactant Soap

Packaging	Brand
0.5 liter, 1 liter, 4 liters, 5 liters, 10 liters, 20 liters	Jonoobgan

- Uniform spreading of of foliar fertilizers and pesticides on leaves, increases their durability
- Preventing the formation of fertilizer and pesticide droplets on the surface of the leaf
- Increases respiration and photosynthesis by removing dust from the leaf surface
- Preserving fertilizers and pesticides on the plants and increasing their yield
- Reducing the population of aphids, psyllids and mites through plasmolyzing
- Controlled pH to prevent the hydrolysis of pesticides and fertilizers and leaf burn
- Ionic surfactant content, environmentally friendly (no substances harmful to the plant)
- Contains phosphorus and potassium for general strengthening of the plants



► Adjuvant

Packaging	Brand
0.5 liter, 1 liter	Jonoobgan

- Uniform spreading of fertilizer and pesticides on the leaves and increasing their durability
- Increasing the power of respiration and photosynthesis by removing dust from the leaf surface
- Reducing the population of aphids, psyllids and mites through plasmolyzing
- Low dosage with high performance
- Contains APE non-ionic active ingredients and is compatible with all pesticides (especially systemic) and foliar fertilizers

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▶ RectipHier

Packaging	Brand
250 gr (powder)	Jonoobgan

- Water pH reducer and regulator (buffer) for foliar application
- Increasing of diluted pesticides and fertilizers stability in the spraying tank
- Correcting alkaline waters and increasing the efficiency of fertilizers and pesticides
- Preventing the rapid evaporation of water particles during foliar application
- Increases absorption and penetration of fertilizers through the leaf surface
- Reduces the adverse effects of water hardness
- Increases fertilizers compatibility
- Increasing the solubility of irrigation fertilizers and preventing clogging in irrigation systems
- Easy to use without the risks of using mineral acids (sulfuric, nitric, phosphoric, etc.)



▶ Emulsifiable petroleum oil 80%

Packaging	Brand
20 liters	Jonoobgan

- High-quality mineral oil with high UR (>92%)
- Stable emulsion when diluted in water
- Increases insecticide penetration and efficiency
- Compensate tree chilling requirement
- Compatible with most of fertilizers and pesticides except sulfur-containing pesticides

Guaranteed analysis

Aliphatic hydrocarbons	80.0%
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Coquelicot Products



► Slow-Release Nitrogen 28%

4 liters	Packaging
Coquelicot	Brand

Guaranteed analysis (W/W)

Nitrogen (N) tot	28.0%
Slow-release Nitrogen (N)	16.5%
Urea Nitrogen (N)	11.5%
Natural Humulus lupulus extract	0.01%

- Contains slow-release nitrogen in the form of urea formaldehyde
- No reduction of nitrogen loss to the environment
- Increases vegetative and reproductive growth in the plants
- Helping cell proliferation and photosynthesis



► Iron chelate, Fe- EDDHA 6.0%

1 kg (powder)	Packaging
Coquelicot	Brand

Guaranteed analysis

Fe EDDHA	6.0%
Ortho-ortho	4.8%

- High and fast solubility
- Can be used in all crops and irrigation systems
- Higher percentage of iron than usual chelates in the market
- Stable in a wide pH range (3.5-11)
- Can be used in alkaline environments and calcareous soils
- Stability of the ortho-ortho isomer against solar UV radiation
- Suitable for hydroponic cultivation
- High performance and quick impact





► Ammonium Polyphosphate

4 liters	Packaging
Coquelicot	Brand

Guaranteed analysis (W/W)

Nitrogen (N) tot	10.0%
Ammoniacal Nitrogen	10.0%
Polyphosphate (P ₂ O ₅) ava	34.0%

- High absorption in calcareous soils
- Slow-release technology
- Continuous supplier of phosphorus and nitrogen for various plants
- Environment friendly
- Can be used in irrigation systems and foliar application



► Iron chelate, Fe-EDDHSA O-O 6.3%

1 kg (powder)	Packaging
Coquelicot	Brand

Guaranteed analysis

Fe EDDHSA	6.3%
Ortho-Ortho	4.2%

- Very high and fast solubility
- Can be used in all crops and irrigation systems
- Free of sodium and chlorine elements due to special synthesis using potassium salts
- Presence of sulfur in the formula
- Higher percentage of iron than usual chelates in the market
- Stable in a wide pH range (3.5-11)
- Can be used in alkaline environments and calcareous soils
- Stability of the ortho-ortho isomer against solar UV radiation
- Suitable for hydroponic cultivation

**KERMAN
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پخش کشاورز
PAKSH KESHAVARZ

**PAKSH
KESHAVARZ**



Pakhsh Keshavarz also offers the possibility of supplying and distributing various types of fertilizers and chemical products from both domestic and foreign sources. Some of these include:

Monoammonium phosphate, Diammonium phosphate, Monopotassium phosphate, Various sulfur formulations, including powder and granules, Coppersulfate, Manganese sulfate, Potassium nitrate, Boric acid, Ammonium sulfate in powder, crystal, and granular forms. Different types of EDDHA and EDDHSA Iron chelates, Polygrow (chicken pellets). All commercial products are procured and supplied from top-quality sources, with assurance provided by our quality control unit analysis.

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**KERMAN
ZAMIN**

Organizational Summary



CEO

Mr. Ali Ebrahimi



Deputy Chairman of the Board

Mr. Is'haq Mehrabi



Deputy Director of Operations

Mr. Abolghasem Ebrahimi



Deputy director of sales and business development

Mr. Abdolkarim Azmayeshfard



Product Manager

Mr. Mohammad Mehdi Salehi



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