



F O S F A N

FOSFAN® S.A.  
Your reliable  
partner!



# FOSFAN® S.A.

## Your reliable partner!

**Fosfan® S.A.** is a reliable, modern company with excellent know-how of the fertilizers market, instantly adapting its production to the client's requirements, setting out new development directions in each area of its activity. In the course of the last years the company has undergone significant transformations. At present Fosfan® S.A. is a dynamically developing entity, which through the implementation of the best ISO standards has been winning numerous prestigious awards and distinctions for its products and services in competitions, exhibitions and fairs.

We encourage You to find out more about our offer.

In our offer, besides traditional superphosphate, we have wide range multicomponent granular fertilizers, in this: NPK, NPK Mg, PK, PKMg containing calcium, sulphur and other macro and microelements. We also produce fertilizers according to a distributors' demand. Lately, we come up with many investments which have influence on quality of fertilizers produced by Fosfan® S.A. and that's why minimum 90% granules are contained in range 2-5 mm and their mechanical resistance and chemical features comply with the highest European standards. Thanks to coating granules with anti-caking agent and precise control of our technological process, we produce mineral fertilizers of splendid chemical and mechanical properties. To provide permanency and to guarantee chemical composition of our fertilizers, we have voluntarily submitted to the verification of Polish Center of Research and Certification.





**Fosfan® S.A.** is a well known and respected manufacturer of agricultural and horticultural fertilizers in Poland. Multi-compound agricultural fertilizers are offered under several brands: **SUPROFOS®**, **SUPROPLON**, **SuproFoska®** and the **Superphosphate**. Horticultural fertilizers produced and offered under the trademark **Fructus®** are available in three product lines: liquid, crystalline and granular. In addition we offer granular horticultural fertilizers under the trademark **Plantena®** and **LagronVIT**.

**The production capacity of the plant that belongs to the Company is approx. 200 thousand metric tons per year.**

A great advantage of the Company is its adaptability effecting in immediate response to customers' requirements. **Fosfan®** defines new directions of progress in all of many fields of its activity, including top quality port transshipping services rendered under the trade mark „**Port Nad Odrą®**”.

The exceptional character of our products and services is highly appreciated by **Fosfan®**'s customers and trade organization as well as non-agriculture bodies that rewarded **Fosfan®** with a great number of prizes and honours.





## The agricultural fertilizers

**Fosfan® S.A.** manufactures advanced, multi-compound mineral fertilizers assigned for all types of agricultural crops' fertilization. An advantage of the Fosfan® fertilizers is their functional form (good granulation) and the homogeneity – that means, in practise, that every single granule contains all declared nutrients and trace elements in given proportions. Thanks to the highest quality and competitive prices our products deserved great acknowledgement and popularity among both Polish and foreign farmers.

The agricultural fertilizers' brand is the key element of Fosfan®'s image: distinctive colours of bags (yellow-blue – the colours of Fosfan®'s logo) highlight its market position and guarantee a sound quality and a fair price.

Agricultural fertilizers are available in packaging:

- 500 kg big bags,
- 50 kg bags,
- 50 kg bags on pallets.

We also despatch fertilizers in bulk by vessels and/or barges in lots of maximum approx. 3 000 metric tones each. We can ship the products in 20' sea containers as well.

**An important feature of the Company is a great flexibility of its production process. We are able to produce a fertilizer of any composition, even not included in the standard offer, at the relatively insignificant quantities depending on the Clients' demand.**





**Among many others, we are able to produce following compositions of fertilizers:**

- SSP Granular P CaS 18:10:28
- SuproFoska 20 PK CaMgS 10:20:5:4:15
- SuproFoska 22 PK CaS 11:22:6:18
- SuproFoska 14 PK CaS 14:14:7:23
- SuproFoska 11 NPK CaS 4:11:11:7:27
- SUPROFOS 25 NPK CaMgS 5:10:25:2,5:2:13
- SuproFoska 20B PK CaMgS 10:20:5:4:15+0,2B
- Supromix 20 NPK MgS 8:7:20:2:23
- SUPROFOS 3 NPK 3:10:24
- SUPROFOS 4 NPK 4:12:15+S
- SuproPlon NPK MgS 12:5:10:2:35
- PK Mg 10:25:2+S
- NPK Mg 4:8:20:2+S
- NPK Mg 5-10-25-3+S
- NPK Mg 10-5-12+S
- NPK 3:10:24+S
- PK Mg 10:30:3+S
- Granular magnesium sulfate MgS 18:38

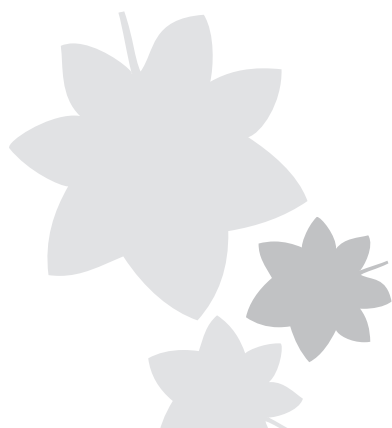
Particular components are given in oxide form i.e.: Phosphor (P) =  $P_2O_5$ , Kalium (K) =  $K_2O$ , Calcium (Ca) = CaO, Magnesium (Mg) = MgO, Sulfur (S) =  $SO_3$ , Nitrogen is given as chemical element i.e. N.



## The horticultural fertilizers

The horticultural fertilizers have been produced under the trademark **Fructus**<sup>®</sup> for over 40 years and they still benefit from a very good opinion and a well-deserved reputation. The brand **Fructus**<sup>®</sup> is highly appreciated by owners of allotments and small gardens as well as wholesalers producing mass quantities of flowers, vegetables or fruit. The high grade and wide variety of **Fructus**<sup>®</sup> fertilizers have secured them the leading market position and have enable **Fructus**<sup>®</sup> to become one of the most distinguishable trademarks on the market in Poland. Recently Fosfan has introduced to the market a new line of granulated horticultural fertilizers under the trademark **Plantena**<sup>®</sup> and **LagronVIT**.

**Enclosures** to the present offer show the full assortment of **Fosfan**<sup>®</sup>'s horticultural products (crystalline, granulated and liquid fertilizers), their chemical composition and packaging.





### HOBBY FERTILIZERS



GRANULAR



CRYSTALLINE



LIQUID

### PROFESSIONAL FERTILIZERS



GRANULAR



CRYSTALLINE

# Crystalline and granular fertilizers

## Crystalline horticultural fertilizers

Crystalline horticultural fertilizers are available in doypack bags (small bags of 250 and 350 g net weight with zipper closings) and/or in 2,5 and 10 kilo net bags depending on a grade:

1. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O	12-12-36 + micro
2. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O	20-20-20 + micro
3. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O	11-52-8 + micro
4. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:MgO	15-10-29-2 + micro

They are water soluble fertilizers for different kind of plants. In general, they are to be applied as follows:

- N:P<sub>2</sub>O<sub>5</sub>:K<sub>2</sub>O 11-52-8 + micro, for plants at an initial stage of growth – high content of phosphorus improves a root system development,
- N:P<sub>2</sub>O<sub>5</sub>:K<sub>2</sub>O 20-20-20 + micro, for plants at a middle stage of growth,
- N:P<sub>2</sub>O<sub>5</sub>:K<sub>2</sub>O 12-12-36 + micro, at ripening, it improves crop properties.

These features are of course only wide-ranging assumptions. Three of a.m. fertilizers are offered in 10 kilo net and 2,5 kilo net wt bags for professionals and in small bags of 250 and 350 g net for hobbyists. Fertilizer N:P<sub>2</sub>O<sub>5</sub>:K<sub>2</sub>O:MgO 15-10-29-2 + micro is offered in small bags of 250 and 350 g net only. All of the four fertilizers can be used in drip irrigation systems in green houses and cold frames or outdoor e.g. in orchards – for fertigation which means application of fertilizers with water through an irrigation system. They can also be sprayed.

## Granular horticultural fertilizers

Granular horticultural fertilizers available in PE bags of net weight 2,5 kg, 5 kg or 10 kg are arranged in 500 kg cartons that are placed on Euro pallets of net weight 1 000 kg of fertilizer each.

PE bags with granulated fertilizer of 25 kg net are placed straight on Euro pallets. The pallet contains 1 000 kg net of the product.







## Liquid and non-standard fertilizers

### Liquid horticultural fertilizers

Liquid horticultural fertilizers **Fructus**<sup>®</sup> are offered in PE bottles of following capacities:

- 0,5 l – available in packets of 20 bottles, placed on Euro pallet containing 800 bottles each,
- 1,0 l – available in packets of 12 bottles, placed on Euro pallet containing 480 bottles each,
- 5,0 l – available in packets of 2 bottles, placed on Euro pallet containing 96 bottles each.

All of **Fructus**<sup>®</sup> fertilizers offered by **Fosfan**<sup>®</sup> S.A. fulfil all requirements concerning quality and safety. One pallet can contain two assortments of fertilizers simultaneously.

### Non-standard fertilizers

There is a possibility to produce non-standard fertilizers, addressed to special requirements. The minimum quantity is 200 tons.

We have realized the following compositions of fertilizers:

1. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:	4-12-15+S
2. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:	4-12-12+S
3. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:MgO:	3-9-21-2+S
4. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:MgO:	4-12-20-2+S
5. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:MgO:	4-8-20-2+S
6. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:	3-10-24+S
7. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:MgO:	4-10-24-2+S
8. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:	3-8-28+S
9. N:P <sub>2</sub> O <sub>5</sub> :K <sub>2</sub> O:MgO:	5-15-30+S
10. and many others	

**We can produce fertilizers of any sort and content of micro- and macro-nutrients. We can give a product, territory and/or time exclusivity for certain composition/compositions of fertilizers or produce fertilizer under Client's trademark.**



## Transshipping service

**Port Nad Odra®** is the Trade Mark that belongs to **Fosfan® S.A.** Our Company renders professional transshipment and storage services of both solid materials and liquid chemicals.

Scope of Activities:

- Professional port services: dry bulk cargo handling (fertilizers, aggregates, mineral raw materials) and liquid bulk cargo handling (sulfuric acid, phosphoric acid, liquid fertilizers) in all modes.
- Storage of dry and liquid bulk cargoes.
- Production, processing and packaging of multi-component fertilizers from own and customer supplied raw material.

We are in possession of full technical equipment for cargo handling: own railway siding, quay with craneage, belt conveyors system, pumps, pipelines, warehouses, storage yards, liquid chemicals tanks. Furthermore we also offer mooring services.

Our port is located inside Szczecin port, between Świnoujście port and Szczecin port.

Our railway siding can contain 150 two-axle carriages. We have also two quays:

- Concrete quay in length 243 m and depth 5,0 m with accesses to the Odra river, equipped with the port-crane and the system of conveyor belts.
- Dolphins quay in length 185 m and depth 5,6 m with the full technical facilities for loading and unloading of sulfuric and phosphoric acid and other facilities for liquid chemicals. You can find out more on our website [www.portnadodra.pl](http://www.portnadodra.pl).

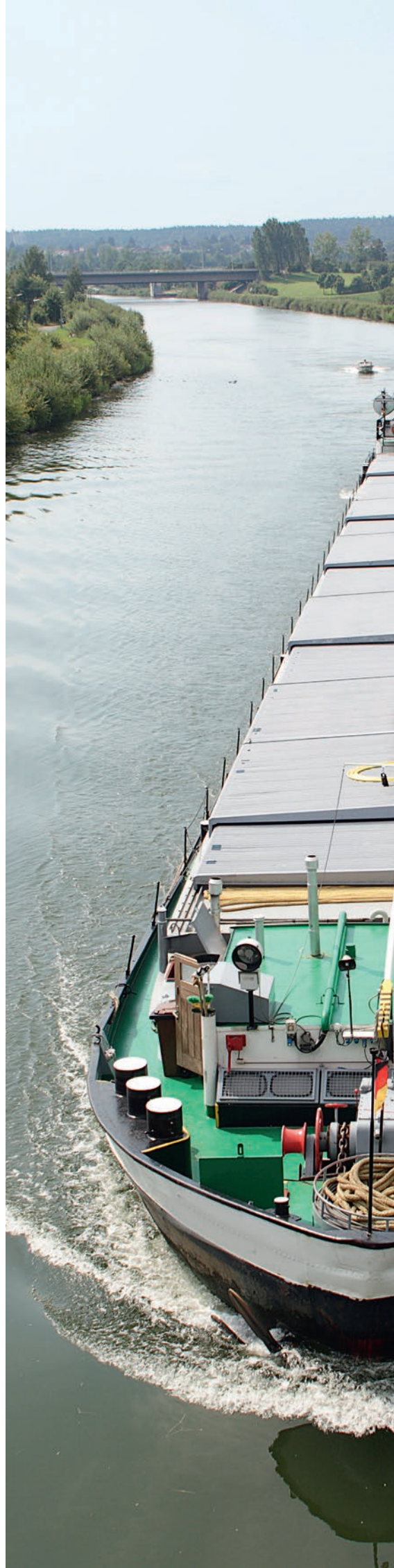
We render transshipping services of:

- bulk materials in any relation: ships, railway carriages, trucks (storage of cargo in bulk is possible in the quantity up to approx. 3 000 tones),
- products in packagings, for instance in BBs,
- liquid products (we possess pumps, pipelines, tanks steering).

We also possess 5 tanks with the capacity of ca. 1 500 m<sup>3</sup> each in which we can store phosphoric acid and other aggressive materials.

Additional services that we provide:

- packing of commodities into bags 1 kg, 2,5 kg, 5 kg, 10 kg, 25 kg, 50 kg and on Big Bag's 500 kg, 1 000 kg,
- we can handle non-standard, non-typical cargoes in our port.







[www.fosfan.pl](http://www.fosfan.pl)  
[www.fructus.pl](http://www.fructus.pl)  
[www.portnadodra.pl](http://www.portnadodra.pl)

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