

Двина

Dvina

Vitebsk Nutrient Soils

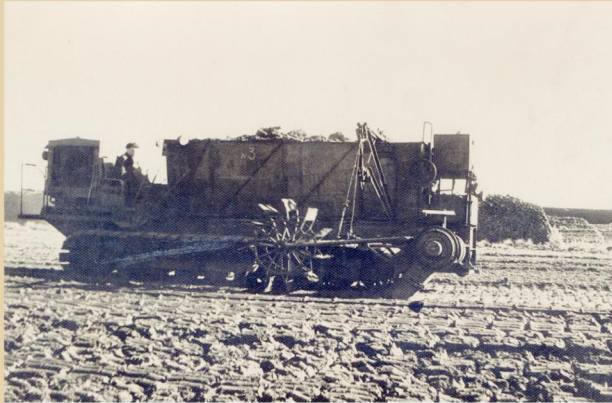


We occupy firm positions in peat extraction and processing marketing and we are always ready to offer our clients all-inclusive service in this area..



OUR PRODUCTS - YOUR SUCCESS





1965 – foundation of the peat factory “Vitebskiy”
- now known as Dokshitsyraigas Manufactory of peat extraction and processing - in order to provide the population and consumers of public services with fuel in Vitebsk Region;

1967 – launching of the Peat Factory;



1979 – cultivation of the peat field “Zhuravliofskoe”, that is the high-moor peat bog of low decomposition, for export deliveries of peat products;

1987 – industrial engineering of “Dvina” nutrient soil and “Novobalt” baled peat of low decomposition quality;



2007, September – joining of the Unitary Enterprise “Vitebskoe”, the Republican Unitary Enterprise named after Dauman (located in Shumilino) and the Republican Unitary Enterprise “Pervoe Maya” (“The First of May” located in Chashniky) into the Unitary Enterprise “Vitebskoblgas”;

2011, June – implementing a modern shop for nutrient soil production and high-moor peat baling in Kruliofshina, the Dokshitsy District.

HISTORY



The Unitary Enterprise “Vitebskoblgas” (EU “Vitebskoblgas”) is a powerful and branched gas company located in Vitebsk Region, the Republic of Belarus. Since 2007, September, it has become one of the major high-moor peat extracting enterprises in Belarus. Our enterprise successfully produces both milled peat and sod peat for fuel. It also rightfully runs 5 peat-fields, the total area of which is about 560 hectares and has the stock of

peat of more than 2 million tons at its disposal. The largest peat field among the cultivated ones is “Zhuravliofskoe”, located in Dokshitsy District. “Zhuravliofskoe” peat field is distinguished by a low decomposition quality and is highly appreciated by professional gardeners and agronomists.

UE “Vitebskoblgas” is the undisputable leader in the Republic of Belarus that offers a wide range of nutrient soils (more than 50 kinds) and provides

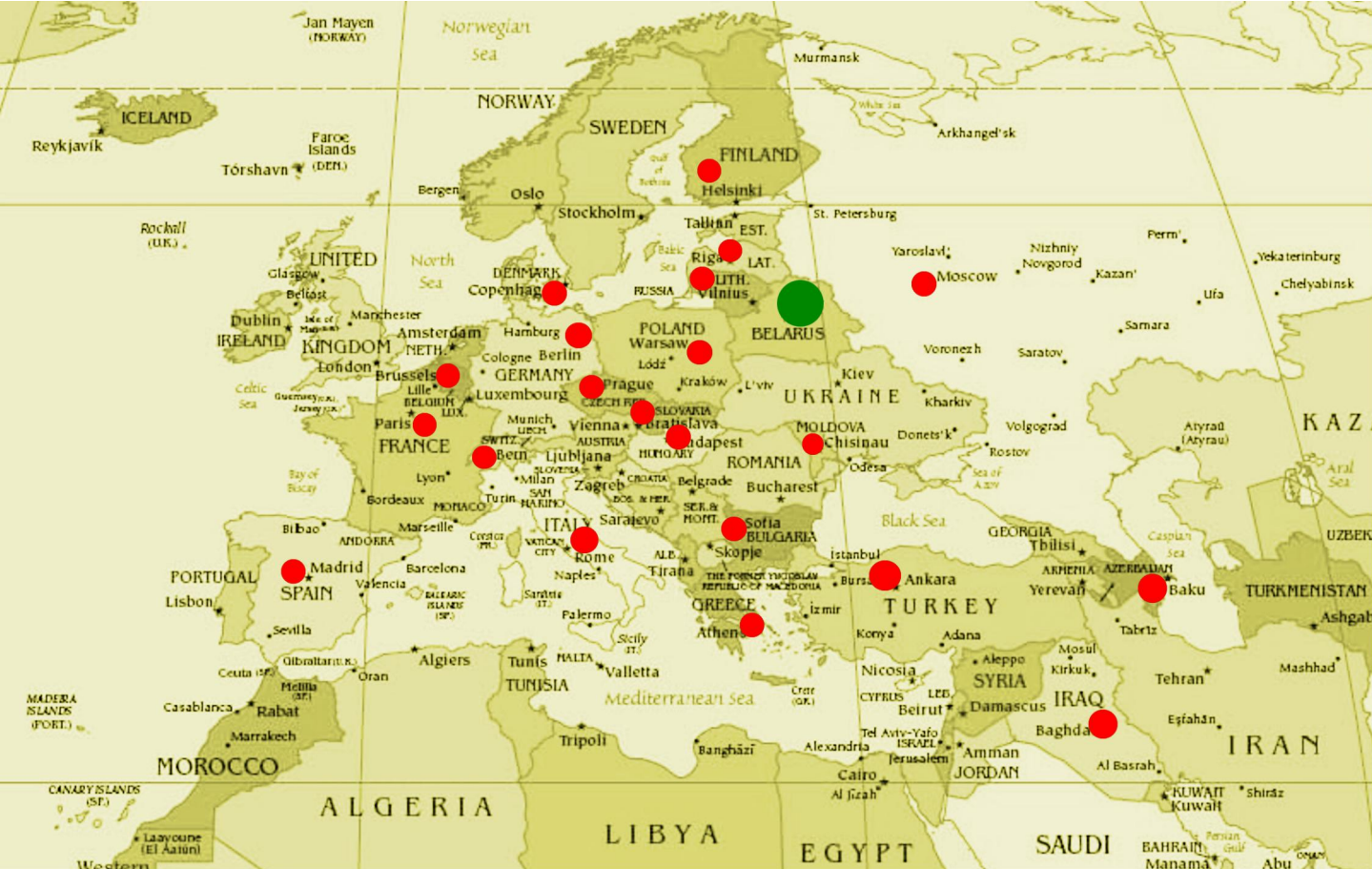
INDUSTRY



the delivery of its products to consumers markets. UE "Vitebskoblgas" is also one of the major suppliers of the peat that can be used as ecologically friendly fuel, which determines a most perspective development of bioenergy nowadays. Due to improvements - the introduction of advanced technologies and consumer focus - , the range of products is steadily expanding. The quality control system, experienced highly-qualified staff, modern technological equipment, development and

implementation of experts' progressive ideas have enabled the production of peat products of high quality only.

The quality is the reason WHY our clients, not our products, return!



Bales (L)	Bales per pallet	Pallets per truck
5	300 units	24 units
10	200 units	24 units
20	135 units	22-24 units
55	60 units	22-24 units
100	45 units	22-24 units
250	18 units	20-24 units
Big Baled	1 units	20-24 units

Vitebskoblgas UE has been exporting products on different terms according to Incoterms 2010 to more than 20 countries (EU countries, Turkey, Russia, Iraq, Azerbaijan).

But for export, great attention of our company is paid to the sale of products in the domestic market, providing highest delivery and shipment services to local customers.

Pallet sizes:
length 1,2 m, width 1,1 m.

CUSTOMERS

Product Catalogue



Product Line “Universal”

Total amount of NPK (mg per 100g of dry matter) nitrogen - 180-320, phosphorus - 110-350, potassium - 200-400

The product line
“Universal”
includes
3 types of
nutrient soil
fertilizers:
“Dvina”,
“Universal” and
“Seeding”






Product Line “Universal”

Application Note

Open the bag before using the nutrient soil fertilizer. After opening, pour it into a waterproof container and moisten it (use 0.2 liters of water per 1 liter of fertilizer). Then you may use it for filling pots? Seeding boxes or for fertilizing soil. In a two- or three-month period it is recommended to add mineral solution of the fertilizer NPK (2g. of the active mineral solution per 1 liter of water). It is also advisable to water each plant with 0.2 liters of the solution every two weeks.



Product Line “Vegetable Garden”

Total amount of NPK (mg per 100g of dry matter) nitrogen - 120-320, phosphorus - 50-100, potassium - 180-400

This line of products offers 10 types of nutrient soil fertilizers for various vegetables, berries and greenery.





Product Line “Vegetable Garden”

Planting strawberry seedlings

The seedlings are kept in a cool place for more than 5 days before planting. The substrate should be moist but not wet before planting. To grow strawberries you need specifically designed nutritive substrate "Strawberry". First of all you should dig a hole, then add the nutritive substrate "Strawberry" (pre-moistened, but not wet). The substrate contains the necessary proportion of nutrients and does not require additional side-dressing. During the process of landing be sure that the box with seedlings is in the shadow. If everything is done correctly then the root collar should be at the ground level, and the root system is vertical. Too long roots must be pruned up to 8 - 10cm. When everything is done add water. In order to avoid crust formation mulch soil with dry substrate immediately after irrigation.

Product Line “Garden”

The product line “Garden” consists of 12 types of fertilizers for the growth of ornamental plants, fruit, trees and lawn-grass.

Total amount of NPK (mg per 100g of dry matter)
nitrogen - 70-320,
phosphorus - 60-140,
potassium - 120-350



Product Line “Garden”

How to create a lawn

It's necessary to choose not only the plot but also a set of herbs when you are creating a lawn with your hands. If this is a lawn directly in front of the house, so called the grass parterre, it's good to use a special blend of decorative bluegrass and red fescue for it. To create a sports grass it's better to buy perennial ryegrass and red fescue. For creating a lawn in a Moorish style take a special blend of herbs with scrubby grass flowers.

Read the instructions carefully when choosing a mixture. Each mixture must meet the requirements of climate, both natural and individual conditions of your plot. Focus on the groundwater level, opacity etc. It's recommended to use red fescue, tall fescue and fescue varieties for the shaded areas. Tall fescue and sheep can easily survive in drought.

The cheapest way to create a lawn will always be planting seeds. It does not require large expenditures of money, time, effort. The soil is prepared in advance. The substrate “Grass” was especially designed for it. Apply a substrate evenly (about 2-3 centimeters) into the soil. The substrate “Grass” contains all the necessary micro-and macroelements. Additional feeding is not required. Seeds need to be sown in dry soil in calm weather.

Seeding should be carried far and wide. Rake the land after sowing. It is advisable to roll the ground with a roller, it will be a good protection of the seeds against birds. Plot must be watered. Seedlings appear quite quickly. It is necessary to monitor the moisture content of the soil for the seedlings not to die out. As long as the grass grows you are to remove the weeds.

A few helpful tips may help to keep your lawn in top condition.

- Do not mow the long grass in one go, it's better to do it in stages, otherwise the lawn shrivels and will look unmanaged for a long time.
- Mow the lawn only in dry weather. If the grass is wet, you will not be able to mow it straight.
- You should dub the grass parterre with a lawn mower and a box for collecting mowings not to pollute the lawn.
- Ordinary lawns can be mowed with any mower, if you do not let the grass grow much. Minor trimmings are quickly lost in the grass and do not require to be removed.
- If you collect grass clippings, use it for mulching the soil under trees and shrubs, and adding it to the compost.
- The lawn edge is leveled with the garden shears with long handles.
- Do not forget to water the lawn in the hot, dry weather as needed. Remember that excessive watering causes the loss of the lawn's beauty.

Product Line “Flowers”

This product line offers 27 types of soils for the growth of flowers and different houseplants.

Total amount of NPK (mg per 100g of dry matter)
nitrogen - 70-250,
phosphorus - 40-200,
potassium - 50-380.



Sod peat

Ash content	up to 5%
Harvesting humidity	up to 45%
Combustion value of	3,000-3,400 kcal/kg

Sod peat is an environmentally friendly fuel, as it is extracted directly from the depth of peat bogs. The peat bog is immediately covered with peat with the help of specialized equipment, then it is exposed to field-drying. When the sod peat reaches the harvesting humidity, they harvest the peat ready to be sold to customers. The use of sod peat as fuel is specified by its composition: high carbon content and low content of sulfur, hazardous non-flammable residue and admixtures. Sod peat is characterized by environmental purity of combustion (because of low sulfur content), full combustion (because of low ash residue), and the emission of a large amount of heat.

For example, if one wants to get the equal amount of heat, they should burn the firewood 1.5 times more than they would burn the sod peat. All

above mentioned characteristics make sod peat a promising local source of heat and electric energy, making it cheaper than the use of coal and oil fuel. Sod peat is widely used at boiler plants for providing heat to villages, towns, military units, etc.

In order to increase the demand for high-quality sod peat among the population and for the purposes of export development, UE "Vitebskoblgas" purchased and put into operation a complex of high-capacity technological equipment made in Finland for sod peat extraction in 2008. The complex has approved itself to be very efficient thanks to the purchased equipment, that has increased the amount of extracted raw material several times, and the quality of sod peat has exceeded the quality of the peat extracted by the previously used equipment.

UE Vitebskoblgas provides sod peat in bulk and big bales for purchase.



Peat moss packed in Big Bales

Fractions of peat moss, mm



Degree of decomposition: up to 15%;
Ash content: 10%;
Humidity: 53%;
Acidity: pH from 2,5-3,5;
Wood inclusion: up to 1%;
Bale volume: 4,0-6,0 cubic meters per pallet;
Weight: 1000kg \pm 50kg;
Radioactivity: <18 Bq/kg

The use of high-moor peat, produced at our peat enterprise, protects plants from vermin and disease-producing germs. It also provides your plants with constant additional fertilizing thanks to the adjuvant content in our peat, to the maintenance of optimal soil acidity and thanks to good root aeration. All these factors contribute to raising the level of crop yield. Subject to a particular purpose in further use, the following fractions are used: 0-10 mm, 10-20mm, 20-40mm.



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Visit our site PEAT.BY where you can find the full range of product, prices and all the necessary information.

Compositions of the nutrient soil fertilizers are developed by the Republican Unitary Enterprise “BELNIITOPPROEKT”.

The entire range of nutrient soil fertilizers is available in packages: 5l, 10l, 20l, 55l, 100l, 250l and in big bales.

We provide delivery service throughout the territory of the Republic of Belarus.





Vitebskoblgas UE