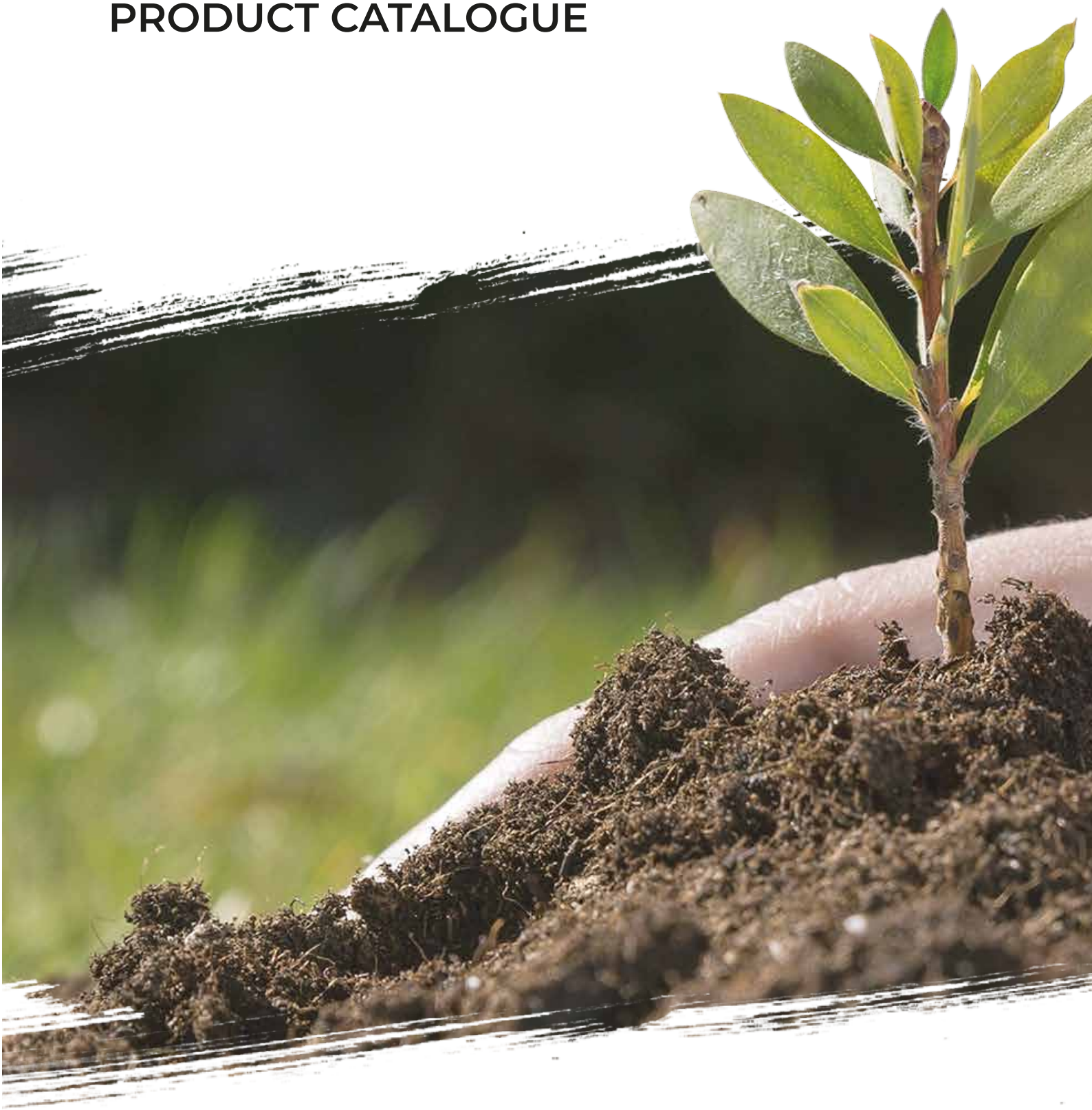
BAHCETURK

PRODUCT CATALOGUE



GLS GRUP Inc.

ABOUT BAHCETURK

Bahceturk is an agriculture company which aims to supply most optimal quality growing medium products to ornemental plant production sector in a most efficient and cost minimizing way. We aware that just one missing day and a little problem on growing medium may cause to lost all production season. In this manner, We add value to our customers product with the principles that are strong stock level, rapid shipment, product for need and maximum product security

Bahceturk is a part of GLS Group of Companies which started its operations while producing domestic peat in Bolu Yenicaga district in 1997. Our company provides plants a growing medium they deserve thanks to Maxpeat and GLS Peat Plus sphagnum peat brands and also by Maxicoir Cocopeat, perlite, volcanic stone, pumice, leonardid, vermiculite and Organamax Growing Medium Improvers.

We continue to serve to Turkish Agriculture on our headquarter located in İstanbul Asian Side We also continue to develope new products and business models by focusing the problems of ornemental plant producers through our field teams.

PEAT
AND SUBSTRATES

GLS PEAT PLUS

SPHAGNUM PEAT

GLS Peat Plus is a high quality peat moss brand and indispensable product for a seamless growing medium. GLS Peat Plus is harvested from newly used exclusive peat fields and is processed and packed with last tech equipments.

EXTRA FINE
GLS-240-007-55-B

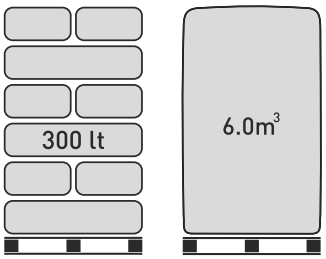
Calibration: 0-7 mm

Fertilizer (Optional)

pH 5,5-6,5

Wetting Agent (Optional)

Usage Area
For Vegetable and Ornamental Plant Seedling Production on Viol



FINE
GLS-240-020-55-B

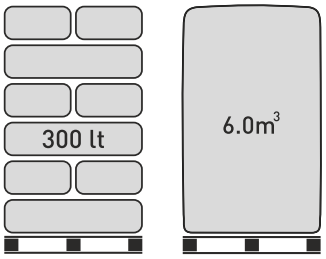
Calibration: 0-20 mm

Fertilizer (Optional)

pH 5,5-6,5

Wetting Agent (Optional)

Usage Area
For Seasonal Flower and Indoor Plant Production



MEDIUM
GLS-240-040-55-B

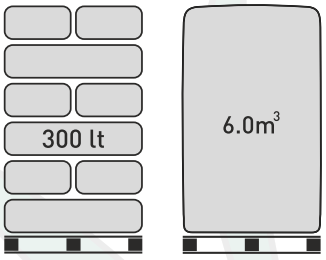
Calibration: 0-40 mm

Fertilizer (Optional)

pH 5,5-6,5

Wetting Agent (Optional)

Usage Area
For Indoor Plant and Bush Production on 1-10L Pots



MAXPEAT

SPHAGNUM PEAT

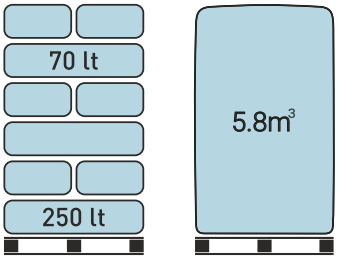
Maxpeat is a peat brand that a self proved and tested for the years. It targets to meet essential requirements of plant for seamless growing period. A Good quality peat provides a consistent and seamless growing period.

FINE
MXP-010-015-55-B

Calibration: 0-15 mm Fertilizer (Optional)

pH 5,5-6,5

Usage Area
For seasonal flower production

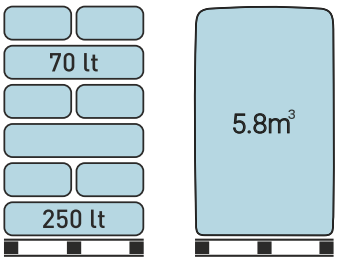


MEDIUM
MXP-010-030-55-B

Calibration: 0-30 mm Fertilizer (Optional)

pH 5,5-6,5

Usage Area
For Indoor Plant and Bush Production on 1-10L Pots

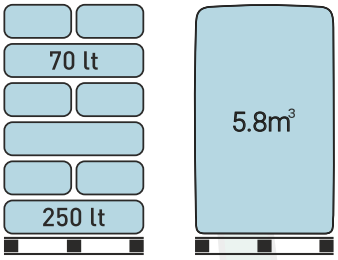


MEDIUM WD
MXP-010-730-55-B

Calibration: 7-30 mm Fertilizer (Optional)

pH 5,5-6,5

Usage Area
For Indoor and Outdoor Ornamental Plant Production on 20-70L Pots

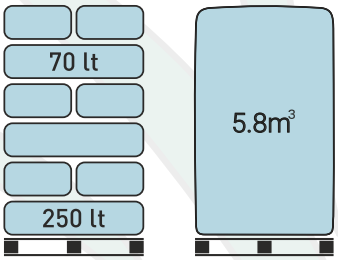


FIBRA BSC
MXP-010-153-25-B

Calibration: 15-30 mm Fertilizer (Optional)

pH 3,5-4,5

Usage Area
For Tree Pots bigger than 1 m³



GROWING MEDIUM COMPONENTS

MAXICOIR
COCOPEAT

COCOPEAT

Cocopeat is a growing media component that is used in soilless culture obtained from the outer wicker fiber of the coconut shell. It is a natural and fibrous product.

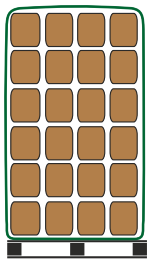
BENEFITS AND SPECIFICATIONS

- ✓It supports the formation of beneficial microorganisms with its lignin and fibrous structure. It encourages rooting.
- ✓It makes a significant contribution to the water holding capacity and air porasity of the growing medium.
- ✓It is fibrous and spongy.
- ✓It is a kind of soil conditioner.

MXC-410-001-P

USAGE

It is used in sowing, planting and production by blending other components up to 15%-35% of the growing medium, provided that to be careful about EC level.



BAHCETURK
NATURAL FIBRE / COMPOST

NATURAL FIBRE
Compost

It is a fibrous and economical growing medium component formed by fermenting plant-based products with appropriate methods and then blending more than one fermented material.

BENEFITS AND SPECIFICATIONS

- ✓Increases water absorPtion and air capacity.
- ✓It is a kind of soil conditioner.
- ✓It positively affects rooting
- ✓100% organic product.

BHC-001-010-B

USAGE

15% to 30% of the growing medium is used in planting, planting and production by blending compost with other components.

BAHCETURK
GROWING MEDIUM COMPONENTS

PERLITE

Perlite, due to its stable structure, is an expanded, porous growing media component that does not undergo chemical reactions and is insoluble in water.

0-3 mm
BHC-910-023-200

0-5 mm
BHC-910-025-200

BENEFITS AND SPECIFICATIONS

- ✓It provides savings in irrigation by reducing evaporation.
- ✓Increases air permeability with over 60% air porosity.
- ✓Due to its low thermal conductivity, it minimizes the damage of the plant from daily temperature changes.
- ✓Positively affects drainage.

USAGE

It is blended by mixing 10%-25% into the growing medium prepared according to the type of plant to be produced.

VERMICULITE

Vermiculite, a mica-like mineral that is heated to expand 15 times its volume; It is a growing media component that also contains Iron, Magnesium, Potassium, Aluminum Silicate.

0-2 mm
BHC-901-032-50

2-4 mm
BHC-901-034-50

BENEFITS AND SPECIFICATIONS

- ✓High water holding capacity.
- ✓Raises the air capacity of growing medium.
- ✓Positively affects fertilizer intake.
- ✓Non-toxic, permanent and sterile.

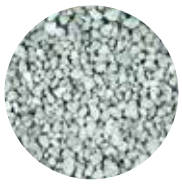
USAGE

It is used as a growing medium component, and it is also used as a cover in seed germination due to its low heat permeability.

BAHCETURK
GROWING MEDIUM COMPONENTS

PUMICE

Pumice is a useful growing media component which is a porous, spongy type of rock formed as a result of volcanic events and containing numerous pores from macro scale to micro scale.



4-8 mm
BHC-911-044-70

8-15 mm
BHC-911-048-70

BENEFITS AND SPECIFICATIONS

- ✓Pumice increases the air capacity of medium thanks to its resistant and porous structure.
- ✓Prevents the plant from temperature chances.
- ✓Increases water holding capacity.
- ✓It does not disappear in the soil, it is resistant.

USAGE

According to the type of plant to be produced, it is mixed with the prepared growing medium at a rate of 15%-35%.

VOLCANIC SLAG

Volcanic slag is an important growing medium component with high porosity formed as a result of volcanic events.

4-12 mm
BHC-912-054-70

12-18 mm
BHC-912-0512-70

BENEFITS AND SPECIFICATIONS

- ✓It is resistant to chemical and physical circumstances.
- ✓Increases the air capacity of growing medium thanks to its porous structure.
- ✓Good landscape product.
- ✓Provides insulation.

USAGE

According to the type of plant to be produced, It is mixed with the prepared growing medium at a rate of 15%-35%.

BAHCETURK
GROWING MEDIUM COMPONENTS

HYDROCULTUR

Hidromax, which consists of expanded clay balls baked at 1,200 degrees, is a 100% hygienic product that can be used with hydroculture technique or as a growing medium component.

0-4 mm
BHC-040-014-80

4-10 mm
BHC-040-0110-80

BENEFITS AND SPECIFICATIONS

- ✓ Plants are less affected by day-night temperature differences.
- ✓ Reduces the evaporation of water and saves on irrigation.
- ✓ Increases air and water capacity of growing medium.
- ✓ Improves the physical structure of soil in ornamental plants and fruit seedlings.

USAGE

Hidromax Hydroculture can be used directly without soil, or it can be used by adding 20%-30% to the growing medium

MULCH

BARK

Mulch/bark is an important product that can be used in production, which helps to control weeds and regulate the heat balance by covering the soil.

0-20 mm
BHC-001-022-B

20-40 mm
BHC-001-0224-B

BENEFITS AND SPECIFICATIONS

- ✓ It inhibits the growth of weeds by cutting off sunlight.
- ✓ It prevents evaporation and saves water.
- ✓ It prevents erosion.
- ✓ It encourages biological activity and raises organic matter.

USAGE

It is applied by laying directly on 3-5 cm thickness on soil surface or in pot.

SOIL CONDITIONERS

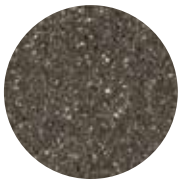
ORGANAMAX
PREMIX

PEAT PREMIX

Peat Premix increases water uptake, causes less fertilizer consumption and leads increase in properties of growing medium.

BENEFITS AND SPECIFICATIONS

- ✓It raises cation exchange capacity of growing medium thanks to humic fulvic acid in its structure.
- ✓It saves 10%-25% from fertilizer.
- ✓K and Mg in its structure positively affect root and plant growth.
- ✓Enhances water uptake and improves the structure of growing medium.



ORG-001-010-25

USAGE

Recommended amount is one bag for one pallet (Big Bale) peat. First, Premix should be mixed with preferred fertilizer and then it should be added into peat and other components.

GRASS PREMIX

Premix is a component especially produced to enhance the grow of grass roots and to support plant health on hybrid grass fields.

BENEFITS AND SPECIFICATIONS

- ✓It has high cation exchange capacity.
- ✓Leads to less fertilizer consumption.
- ✓Not contains fertilizer. Fertilization programme should be applied additionally.
- ✓Minimizes water need of plant.

ORG-001-011-25

USAGE

It is recommended to add 1 bag (25kg) Grass Premix for 10 m^2 vegetation layer.

ORGANAMAX
SOIL CONDITIONERS

KAOLINE

Kaoline is a soft and white clay variety obtained from feldspar minarets in granite rocks. Especially, Kaoline has a high cation exchange capacity.

BENEFITS AND SPECIFICATIONS

- ✓It optimizes cation exchange capacity in use as growing medium component.
- ✓Provides protection against frost damage, diseases and damages when applied with microfilm technology.
- ✓Does not react with other components.
- ✓Increases photosynthesis.

ORG-913-060-25

USAGE

It can be blended and applied by calculating 1-2 kg per cubic meter of the prepared growing medium, or it can be diluted with microfilm technique for protection purpose.

HUMIC-FULVIC ACID

Humik fulvic asids are soil improvements formed as a result of decomposition of palant and animal residuals in natural conditions and interection of them.

BENEFITS AND SPECIFICATIONS

- ✓Increases the resistance of plant against disease and drought.
- ✓Raises microbial activity.
- ✓Speeds up germination and root growth.
- ✓Increases photosynthesis.

ORG-001-020-20

USAGE

3-4 liters of Organamax Humic Fulvic acid can be applied 3 times per decare with drip irrigation system, or it can be applied from the leaves.

ORGANAMAX
SOIL CONDITIONERS

ALGEA REMOVER

Algae remover is a product developed to prevent algae formed by the combination of sun, water and high temperature and to help the hygiene of the irrigation system.

BENEFITS AND SPECIFICATIONS

- ✓Prevents felting caused by algae.
- ✓Balances air porosity of the growing medium.
- ✓Solves the problems of irrigation system caused by algae.
- ✓Contributes drainage.

ORG-001-021-20

USAGE

It can be blended and applied by calculating 1-2 kg per cubic meter of the prepared growing medium, or it can be diluted with microfilm technique for protection purpose.

WATER TRAP

The Water Trap is a material that works with the principle of catching the given water quickly rather than holding the water in the growing medium.

BENEFITS AND SPECIFICATIONS

- ✓It prevents the growing medium from leaving water in the first irrigations and ensures that the water remains in the growing medium.
- ✓Saves water
- ✓Saves labor force
- ✓Minimizes problems caused by irrigation mistakes.

ORG-001-022-16

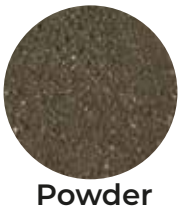
USAGE

0.6 lt water trap is calculated for each pallet of the growing medium to be prepared and applied by diluting it with water at a ratio of 1 to 10.

ORGANAMAX
SOIL CONDITIONERS

LEONARDITE

Leonardite is a soil conditioner which is a highly oxidized f or of lignite during coalification, contains 25%-75% humic asid in its content.



Powder
ORG-914-031-25

Granular
ORG-914-032-25

BENEFITS AND SPECIFICATIONS

- ✓Raises food intake and efficiency.
- ✓Increases the resistance of plant against disease and drought.
- ✓Raises microbial activity.
- ✓Regulates pH of solid and prevents from soil contamination.

USAGE

It is mixed with the growing medium prepared according to the type of plant to be produced, at a rate of 20%-40%.

ZEOLITE

It is a growing medium component that has the ability to lose-gain alternately without any change in its crystal structures and has a high cation exchange capacity.

0-1 mm
ORG-913-061-25

0-3 mm
ORG-913-063-25

BENEFITS AND SPECIFICATIONS

- ✓It has high cation exchange capacity.
- ✓It has high water absorption capacity.
- ✓Helps to protect by fungus diseases caused by over irrigation.
- ✓It ensures the retention of heavy metals such as Pb-Cd-Zn-Cu in the food chain.

USAGE

It can be blended and applied by calculating 1-2 kg per cubic meter of the prepared growing medium, or it can be diluted with microfilm technique for protection purpose.

QUALITY & CONTROL

First of all, every unique peat pallet that Bahceturk sells enters into our station in our logistic centre in order to pass quality control process. Pallets entered to our station have to prove themselves in order to meet GLS Quality Control Requirements. In this context, first step is to measure and save weights of pallets. Then, pallets are stret-ched, numbered and labeled. In this way, we are able to trace quality control and shipment process of all pallets.

We conduct eleven different parameters like volume and fraction analyses, pH, humidity, water holding capacity, water uptake speed, organic and inorganic matter, dry density and lime with the latest technological and professional equipments order to test their compliance with GLS Quality Control Standards. An analyses report is issued by Quality & Control Department for every shipment after controls. It is able to reach issued analyses reports any time from www.glsgrup.com.tr and from QR codes on pallet labels. Analyses reports are also send to customers via SMS after dispatch from our warehouse.

Approval process of products start after finalizing of quality control steps. Quality Control Manager examines the analyze results and approves allows the dispatch of products in case everything is appropriate. Witness samples of products are stored six months in company archive. Thus, we are able to reanalyze the products in the line with customers requests. Additionally, it is also possible to send witness samples to third party laboratory.

BAHCETURK

FOR A GREENER AND MORE PRODUCTIVE TURKIYE

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