

AKWA AGROCHEM DMCC DOO

***PEAT AND POTTING
MIXES BASED ON PEAT***



HIGH-MOOR PEAT

HIGH-MOOR PEAT is used for production of substrates, storage of fruit and vegetables, for soil structure improvement and as bedding.



Ingredients: high-moor peat.

Acidity: pH 2,5-3,5

Humidity: up to 53%

Degree of decomposition: up to 25%

Ash-content: up to 10%

Fractions: 0-7, 7-15, 15-30, 0-40 mm.

Packing:

Pallet (1,2 x 0,8 m)			
Bales (liters)	Bales weight (kg)	Bales per pallet (un)	Pallets per truck (un)
5	1,2	150	24-26
10	3,6	110	24-26
20	6	100	24-26
250	55	15	24-26
Pallet (1,2 x1,1 m)			
55	14	60	22-24
100	21	45	22-24
Big-bale	1000-1300	1	20-22

AKWA AGROCHEM DMCC DOO

Peat substrate **PALM**



Peat substrate PALM is used for growing ornamental palm cultures. Complex mineral fertilizer contains necessary composition of micro and macroelements in an available form for plants.

Ingredients:
high-moor peat,
low-moor peat, sand
Acidity: pH 6,0-6,5
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 150-250
Phosphorus 110-190
Potassium 140-240
Complex of microelements
(MN, MO, CU, FE, B, ZN).

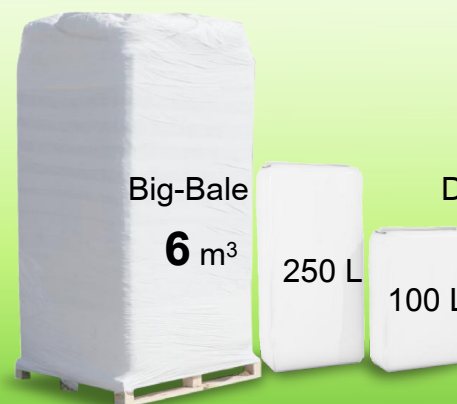


NEUTRALIZED HIGH-MOOR PEAT

NEUTRALIZED HIGH-MOOR PEAT is used for production of substrates, for planting fruit trees, bushes and coniferous cultures, for mulching, as root covering of ornamental outdoor cultures in winter, for soil structure improvement, for absorbing smells while composting household waste, for dry closets.



Ingredients: high-moor peat
Acidity: Type 1: pH 3,5-4,5
Type 2: pH 4,6-5,4
Type 3: pH 5,5-6,5
Humidity: up to 53%
Degree of decomposition: up to 25%
Ash-content: up to 10%
Fractions: 0-7, 7-15, 0-40 mm.



AKWA AGROCHEM DMCC DOO

Peat Substrate Catalogue

Peat substrate is produced on the basis of high-moor and low-moor peat using the Dutch fertilizer "PG-mix". For production of substrates bark, clay, sand, vermiculite, dolomite, agropelite, expanded clay and other components are used. Radioactivity - within applied limits, wood inclusions - upto 1%, organic matter content – not less than 95%. It's possible to produce substrates according customer's recipe.

Packing:



Peat substrate **ORCHID**

Peat substrate ORCHID is recommended for growing orchid varieties. Possesses the most suitable acidity and a complex of nutritional chemicals.

Ingredients:
high-moor peat, wood bark.
Acidity: pH 5,0-6,0
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 140-200
Phosphorus 80-120
Potassium 80-120
Complex of microelements
(MN, MO, CU, FE, B, ZN).



AKWA AGROCHEM DMCC DOO

Peat substrate **FICUS**

Peat substrate

FICUS is recommended for growing ficus varieties. Possesses optimum acidity and contains necessary quantity of micro and macroelements.

Ingredients:

high-moor peat, low-moor peat, sand

Acidity: pH 5,5-6,5

Mineral fertilizers

(mg on 100g of dry substance)

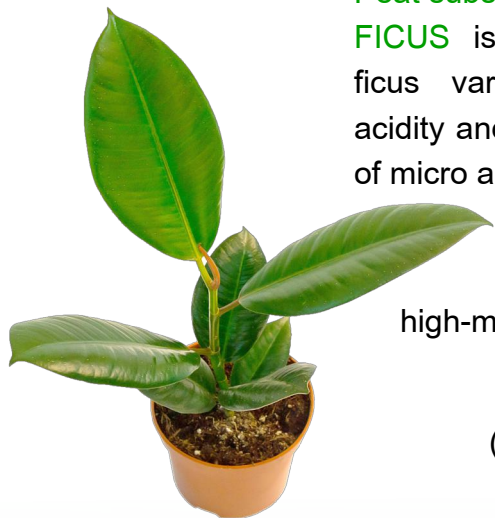
Nitrogen 150-250

Phosphorus 100-200

Potassium 150-250

Complex of microelements

(Mn, Mo, Cu, B, Fe, Zn).



Peat substrate **UNIVERSAL**

Peat substrate UNIVERSAL can be used for growing the majority of ornamental, flower and vegetable cultures. The main ingredients are high-moor (50%) and low-moor (40%) peat. Adding sand promotes microbiological process, increases density of peat mixture, and improves hydrophysical properties and agrochemical characteristics. The desired content of the readily available NPK forms in a complex with micro elements satisfies the requirements of the culture you plan to grow.

Ingredients:

high-moor peat,

low-moor peat, sand

Acidity: pH 5,5-6,5

Mineral fertilizers

(mg on 100g of dry substance)

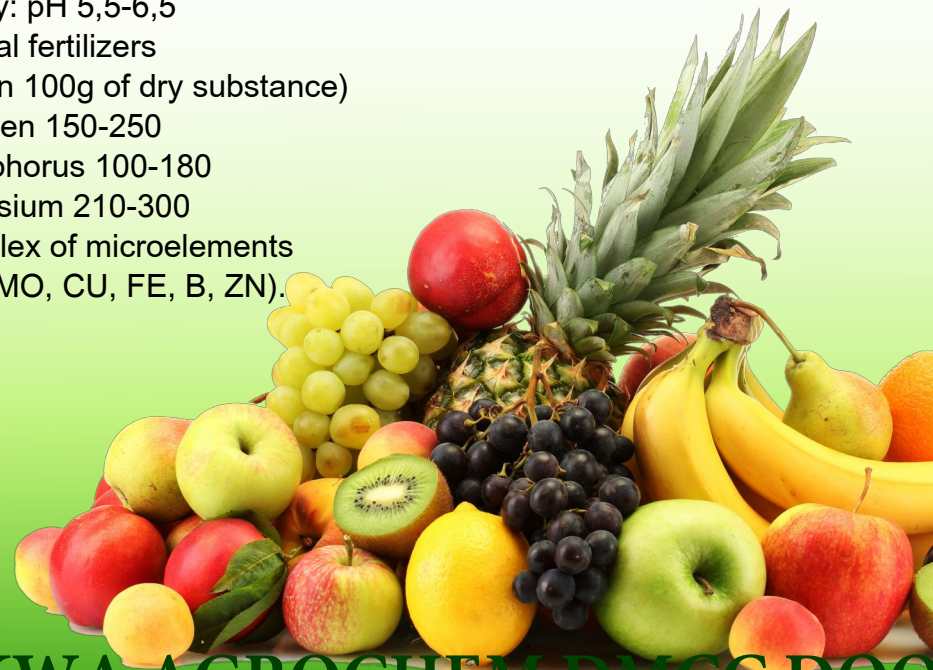
Nitrogen 150-250

Phosphorus 100-180

Potassium 210-300

Complex of microelements

(MN, MO, CU, FE, B, ZN).



AKWA AGROCHEM DMCC ĐỒ

Peat substrate FOR PLANTING



Peat substrate FOR PLANTING is recommended for growing seedlings of vegetable, flower and berry cultures. Possesses high-porous structure, an optimum level of acidity, provides plants with nutritional chemicals for the period up to a month while cultivation seedlings. Thanks to these advantages seedlings are alike on height, have a high degree of fertilizer elements taking, most adapted for transplantation outdoor and indoor.



Ingredients:
high-moor peat,
low-moor peat
Acidity: pH 5,5-6,0
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 120-200
Phosphorus 80-140
Potassium 180-280
Complex of microelements
(MN, MO, CU, FE, B, ZN).

Peat substrate VIOLET AND BEGONIA

Peat substrate VIOLET AND BEGONIA is recommended for growing violet and begonia varieties. Contains optimum nutrient ratio for intensive blossom.

Ingredients: high-moor peat,
low-moor peat
Acidity: pH 6,0-6,5
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 150-210
Phosphorus 80-120
Potassium 200-310
Complex of microelements
(Mn, Mo, Cu, B, Fe, Zn).



AKWA AGROCHEM DMCC DOO

Peat substrate **ROSE**

Peat substrate

ROSE is recommended for growing rose varieties. Possesses optimum acidity and contains necessary quantity of micro and macroelements for intensive blossom indoor and outdoor.



Ingredients: high-moor peat, low-moor peat

Acidity: pH 6,0-6,5

Mineral fertilizers

(mg on 100g of dry substance)

Nitrogen 100-180

Phosphorus 80-120

Potassium 145-230

Complex of microelements
(Mn, Mo, Cu, B, Fe, Zn).



Peat substrate **TOMATO and PEPPER**

Peat substrate **TOMATO and PEPPER** is

used for growing seedling and adult plants of tomato and pepper. Equal ratio of high-moor and low-moor peat, optimum acidity and a complex of nutritional chemicals increase effect efficiency of applied fertilizers, provide better development of root system and vegetative mass of seedling and adult plants, increase yield by 10-15%.



Ingredients: high-moor peat, low-moor peat

Acidity: pH 5,5-6,0

Mineral fertilizers

(mg on 100g of dry substance)

Nitrogen 180-280

Phosphorus 90-160

Potassium 250-330

Complex of microelements
(MN, MO, CU, FE, B, ZN).



AKWA AGROCHEM DMCC DOO

Peat substrate **BEAN**

Peat substrate

BEAN is recommended for growing kidney bean and pea. Possesses optimum acidity and contains necessary quantity of micro and macroelements.

Ingredients: high-moor peat,
low-moor peat
Acidity: pH 6,0-6,5
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 100-190
Phosphorus 60-100
Potassium 140-240
Complex of microelements
(Mn, Mo, Cu, B, Fe, Zn).



Peat substrate **DIANTHUS AND CHRYSANTHEMUM**

Peat substrate

DIANTHUS AND CHRYSANTHEMUM is recommended for growing dianthus and chrysanthemum varieties. Contains optimum nutrient ratio for intensive blossom. Possesses the most suitable acidity for sustainable growth.

Ingredients: high-moor peat, low-moor peat,
sand.
Acidity: pH 6,0-6,5
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 80-135
Phosphorus 60-110
Potassium 140-250
Complex of microelements
(Mn, Mo, Cu, B, Fe, Zn).



AKWA AGROCHEM MCC DOO

Peat substrate
**For RHODODENDRON
and AZALEA**

Peat substrate
FOR RHODODENDRON AND AZALEA is recommended for growing rhododendron, azalea, heather and other plants of bloodline. Possesses all necessary nutritional chemicals.

Ingredients: high-moor peat,
low-moor peat
Acidity: pH 4,5-5,0
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 90-160
Phosphorus 70-120
Potassium 60-120
Complex of microelements
(Mn, Mo, Cu, B, Fe, Zn).



Peat substrate
MARROW and EGGPLANT

Peat substrate
MARROW and EGGPLANT are recommended for growing marrows, eggplants, water melons. Possesses optimum acidity and contains necessary quantity of micro and macroelements.

Ingredients: high-moor peat,
low-moor peat
Acidity: pH 5,5-6,5
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 200-350
Phosphorus 70-120
Potassium 240-350
Complex of microelements
(Mn, Mo, Cu, B, Fe, Zn).



AKWA AGROCHEM DMCC DOO

Peat substrate **STRAWBERRY**

Peat substrate

STRAWBERRY is recommended for growing strawberry varieties. Possesses the most suitable acidity for sustainable growth and heavy yield.



Ingredients: high-moor peat,
low-moor peat
Acidity: pH 5,5-6,5
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 170-270
Phosphorus 90-160
Potassium 200-310
Complex of microelements
(Mn, Mo, Cu, B, Fe, Zn).



Peat substrate **FOR FLOWERS**

Peat substrate FOR FLOWERS is used for growing all outdoor and indoor species of flower plants, is an ideal substrate for pot plants. Perfect in function of mulching and covering material for flower cultures. After treatment of substrate — soil structure gets better, root system develops quicker, and therefore, plants are more intensive provided with nutritional chemicals.

Ingredients:
high-moor peat, low-moor peat
Acidity: pH 5,5-6,0
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 200-300
Phosphorus 70-120
Potassium 190-290
Complex of microelements
(MN, MO, CU, FE, B, ZN).



AKWA AGROCHEM DMCC DOO

Peat substrate **FOR FERNY**

Peat substrate FOR FERNY is used for growing fern varieties. Contains optimum nutrient ratio.

Ingredients:
high-moor peat,
low-moor peat, sand
Acidity: pH 4,0-4,5
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 70-130
Phosphorus 60-110
Potassium 130-210
Complex of microelements
(MN, MO, CU, FE, B, ZN).



Peat substrate **LETTUCE**

Peat substrate LETTUCE is recommended for growing herbaceous crops such as leaf lettuce, fennel, parsley, basil, spinach, rucola, celery etc.

Ingredients:
high-moor peat,
low-moor peat.
Acidity: pH 6,5-7,0
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 200-260
Phosphorus 70-120
Potassium 250-330
Complex of microelements
(MN, MO, CU, FE, B, ZN).



AKWA AGROCHEM DMCC DOO

Peat substrate **FOR CITREOUS**

Peat substrate FOR CITREOUS is used for growing orange, lemon, tangerine, grapefruit and other citrus.



Ingredients: high-moor peat,
low-moor peat, sand
Acidity: pH 5,0-6,0
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 180-310
Phosphorus 80-120
Potassium 250-350
Complex of microelements
(MN, MO, CU, FE, B, ZN).



Peat substrate **THUJA**

Peat substrate THUJA is recommended for growing thuja varieties. Contains optimum nutrient ratio.

Ingredients:
high-moor peat,
low-moor peat, sand
Acidity: pH 5,0-5,5
Mineral fertilizers
(mg on 100g
of dry substance)
Nitrogen 70-140
Phosphorus 60-110
Potassium 120-200
Complex of microelements
(MN, MO, CU, FE, B, ZN).



AKWA AGROCHEM DMCC DOO

Peat substrate **LARCH**

Peat substrate LARCH is recommended for growing larch. Possesses optimum acidity and a complex of nutritional chemicals.

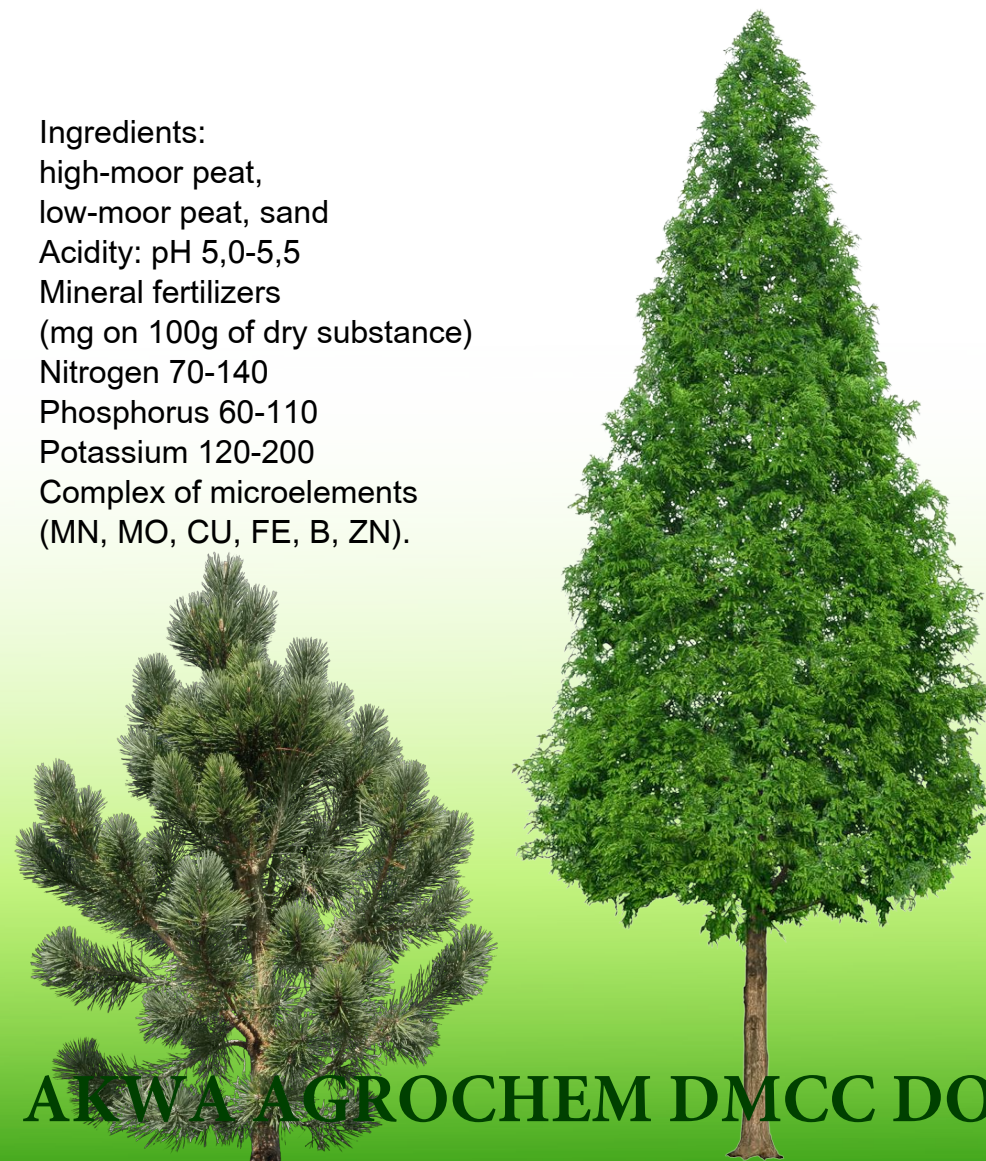
Ingredients:
high-moor peat,
low-moor peat, sand
Acidity: pH 5,0-5,5
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 70-140
Phosphorus 60-110
Potassium 120-200
Complex of microelements
(MN, MO, CU, FE, B, ZN).



Peat substrate **FOR CONIFEROUS**

Peat substrate FOR CONIFEROUS is recommended for growing coniferous species. Possesses optimum acidity and a complex of nutritional chemicals.

Ingredients:
high-moor peat,
low-moor peat, sand
Acidity: pH 5,0-5,5
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 70-140
Phosphorus 60-110
Potassium 120-200
Complex of microelements
(MN, MO, CU, FE, B, ZN).



AKWA AGROCHEM DMCC DOO

Peat substrate

FOR FRUIT-TREES and CURRANT SHRUBS

Peat substrate FOR FRUIT-TREES AND CURRANT SHRUBS is used for growing stone and pomaceous fruit-trees, currant shrubs, provides steady growth and development of trees, possesses a necessary complex of nutritional chemicals.



Ingredients:
high-moor peat,
low-moor peat.
Acidity: pH 5,5-6,5
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 180-280
Phosphorus 90-160
Potassium 210-310
Complex of microelements
(MN, MO, CU, FE, B, ZN).

Peat substrate

LAWN

Peat substrate LAWN is used for growing any type of lawn, for soil structure improvement, provides plants with necessary nutritional chemicals.

Ingredients:
high-moor peat,
low-moor peat, sand
Acidity: pH 5,5-6,0
Mineral fertilizers
(mg on 100g of dry substance)
Nitrogen 70-130
Phosphorus 60-110
Potassium 90-180
Complex of microelements
(MN, MO, CU, FE, B, ZN).



AKWA AGROCHEM DMCC DOO