

Volcanic minerals for your plants

Eco-Plon Volcanic Minerals® is a natural product that supports the development of plants by improving physicochemical properties of soils and providing necessary macro and micronutrients. It can be used on all types of soil, in the cultivation of all species of horticultural plants, as well as on lawns.



ADVANTAGES

100% ecological

For year-round use
It contains only
natural minerals

It stabilizes the mineral balance of the soil



PROPERTIES

It contains macroelements, microelements and trace elements

Creates soil humus
Supports development of

the root system

Enables natural absorption of nitragen

Regulates the pH level of the soil



EFFECT ON PLANT DEVELOPMENT

Better quality and increased yields

More intense colour

Richer taste and smell
Improved resistance to freezing

and unfavourable weather conditions Increased growth

Increased resistance to biotic

Eco-Plon Volcanic Minerals®

Are compositions of volcanic minerals

Applied to a hole under the roots, it creates optimal conditions for the development of the root system of seedlings, bulbs, bushes and frees

They have water sorption properties of up to 100% of its own weight The contained minerals create optimal conditions for the development and growth of plants

Crushed to clayey form, it is easily absorbed by plants

Effective as a seed dressing – protects against seed pests, fungal diseases and viruses

It improves the quality, smell and colour of fruits, vegetables, grasses, grain and root crops

√2 CROP PROBLEMS



Soil degradation as a result of using chemicals in agricultural crops



Loss of macro and micronutrients due to intensive farming



Constant decrease of groundwater levels caused by negative rainfall balance



Excessive use of chemicals and pesticides pollutes the environment with nitrates and nitrites

3

'5 SOLUTIONS USING ECO-PLON VOLCANIC MINERALS®



unique composition of selected minerals that regulate the soil pland its remineralisation



Provides necessary macro and micronutrients responsible for the immunity of organisms



Sorption properties – stores water up to its volume



It does not pollute the air and groundwater with nitrates and nitrites

The mineral compositions ensure:

- Favourable conditions for the development of soil microorganisms
- Growth and development of bacteria of the Azotobacter group, thus increasing uptake of nitrogen from the air, thanks to aeration of the soil and regulation of its pH levels
- Increasing the ability of bacteria to absorb molecular nitrogen, N2, present in the atmosphere, with the help of the enzyme – nitrogenase

Minerals adjusted to:

- The content of humus in the soil
- The pH level of soll
- Requirements for the cultivation of a given plant

Azotobacter bacteria play an important role in the biogeochemical nitrogen cycle in nature

Macronutrients (Easily absorbed in the form of oxides)

The percentage of ingredients depends on the type of composition and the crop for which it is intended:

Nitrogen
Phosphorus
Potassium
Calcium
Magnesium
Sodium
Sulphur
Chlorides

Micronutrients

Iron Manganese Titanium Silicon

Trace amounts sufficient for plants:

zinc, nickel, niobium, hafnium, molybdenum, zirconium, vanadium, lithium, chronium, strontium, selenium

We provide expert advice on matching a personalized mixture of minerals to the condition of your soil, based on prior examination. Our team consists of specialists with experience in the field of agriculture, cultivation and soil science.

EFFECT ON PLANT PESTS



Aphids



| Wegetable



Caterpillars



Greenhouse



Beetles



Mites



Potato beetles



Snails

Insects and snails are controlled mechanically

The dusty form of the mineral fertilizer clogs the spiracles of the respiratory system of insects, causing them to die. If necessary, repeat the treatment after a few days because it does not affect the chilinous shell of eggs.

The product is non-toxic. It does not require a grace period. The part of the product that will settle on the ground after dusting is going to fertilise the soil.

COMPETITIVENESS

	Origin, Natural, Ecological	The content of micro and macronutrients	Positive impact on the environment	Uptake of nitrogen from the air by Azotobacter bacteria	Sorption properties
ECO-PLON VOICANICAMPERALS	*	*	*	*	*
Chemical fertilizers	×	×	×	×	×
Organic fertilizers	√ / ×	✓/ ×	√ / ×	×	×
Flour, g. basalt, dolomite	V	√/ ×	√/ ×	×	√ /×

14 Eco-Plon Volcanic Minerals® compositions

Based on research and field trials, 14 volcanic compositions were selected.

The product is based on a registered invention and pending a patent in the PCT system in Geneva.



Our certificates and opinions:







European Green Certificate 2019/2020

Institute of New Chemical Syntheses in Puławy

IUNG Certificate IUNG NE/370/2017







Authorized for trading by the Ministry of Agriculture and Rural Development. It is an ecological composition of minerals. European Guarantee of the Highest Quality 2019/2020 Certificate Institute of Horticulture in Skierniewice



PRODUCT

e offer our products in the following packaging formats



■ 1kg, 3kg, 5kg, 10kg, 15kg, 20kg



■ 500kg - 1000kg - Big Bag



Promotional video Eco-Plon Volcanic Minerals® ———







Thank you for your interest, ______ please contact us for more information

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