PRODUCT CARD

ECO-PLON VOLCANIC MINERALS

NATURAL, MINERAL, ECOLOGICAL
PRODUCT MADE OF VOLCANIC LAVA

ECO-PLON VOLCANIC MINERALS – ecological, mineral soil properties improving agent and is a mineral composition of volcanic lava and sedimentary rocks,

UNIVERSAL

-100% natural product
-Causes intensive root and plants growth
-Creates soil crumbling
-Fruits and vegetables with rich taste and color
-adjusts mineral balance

The product is natural and supports plant development by improving the physicochemical properties of the soil and providing necessary macro and microelements.

ADMISSIONS AND CERTIFICATES

PRODUKT POLSKI

Europejski Zielony Certyfikat

EUROPEJSKA GWARANCJA NAJWYŻSZEJ JAKOŚCI Q CERTYFIKAT UE

IUNG
NE/370/2017

The product was made on the basis of the invention, registered and processed as a patent in PCT system in Geneva for 148 countries.

The product has research and opinions of:
New Chemical Syntheses Institute in Puławy,
Institute of Horticulture in Skierniewice to use for:
-cultivation of vegetable plants
-cultivation of fruit plants
-cultivation of ornamental plants and lawns
Institute of Soil Science and Plant Cultivation State Research Institute

AINEG-POL

-Department of Plant Nutrition and Fertilization
-A testimony of qualification of the product under the name of ECO-PLON VOLCANIC MINERALS to use in ecological agriculture under reference NE/360/2017
-European Green Leaf Certificate
-European Guarantee of Highest Quality

GENERAL CHARACTERISTICS

-Remineralizes the soil
-Contains natural macro and microelements necessary for plants growth, fine development of root system and aboveground part
-Has a beneficial impact for a yielding growth
-Enhances plants' immunity to fungus diseases

MACRONUTRIENTS:

9 easily assimilable macronutrients:

-Calcium	Ca	to	5040,00 mg/dm^3
-Phosphorus	P	to	74,00 mg/dm^3
-Potassium	K	to	86,00 mg/dm^3
-Magnesium	Mg	to	440,00 mg/dm^3
-Sulfur	S	to	8,00 mg/dm^3
-Sodium	Na	to	135,00 mg/dm^3
-Chlorides	Cl	to	17,00 mg/dm^3
-Nitric nitrogen	NO_2	to	56,00 mg/dm^3
-Ammonical nitrogen	NH_4	to	1,30 mg/dm^3

MICRONUTRIENTS:

-Manganese	Mn_2O_3	to	0,20%
-Titanium	TiO_2	to	1,33%
-Iron	Fe_2O_3	to	14,61%
-Aluminium	Al_2O_3	to	13,00% (of assimilable form 3% - 5%)
-Silicon	SiO_2	to	55,00% (of assimilable form 5% - 8%)
-Copper	CuO	to	0,040%

-Trace amounts (sufficient for plants) of zinc, nickel, niobium, hafnium, molybdenum, zirconium, vanadium, lithium, chromium, strontium, selenium

PROPERTIES OF THE MINERALS

-Minerals are not leached into the ground water
-Minerals are easily assimilable for plants
-Give an opportunity to nourish the plants through the whole vegetation period
-Silicon impacts on stiffness of the stalks, enhances plants' immunity to diseases
-create a natural barrier for pathogens which attack the plant
-stimulates uptake of nutrients from the soil
-Minerals enhance the plant against biotic stress and pest attack
-Enhance the plant against freezing and water scarcity

ALEG-POL

THE APPLICATION OF THE PRODUCT IMPACTS ON:

-Soil crumbling, which is more aerated and enables easier absorption of macro and microelements by the plant
-Remineralization of the soil and creation of humus
-Slow and systematical release of nutritional products
-Mineral balance of the soil and plants
-Increased activity of soil microorganisms
-Intensity of color and taste of fruits, flowers
-Better quality of preserves
-Yielding growth 5 – 20%

THE SYSTEM OF APPLICATION

Date of application:
-In the period between March and October
-A dose of 3 – 5 tons per hectare before skimming
-At the level of humus over 80% of nutrients
-A dose of 3 – 5 tons per hectare before skimming
-At the level of humus 50 – 70%

Propagate the substance steadily on the soil surface and:
-For large crops: plough before seeding
-For plot cultivation: fork over
-Propagate around the trees and shrubs and rake up

TYPES OF PRODUCTS:

-Powdered
-Granulated
-Micro granulated

STORAGE

Store in a dry warehouse or under the shelter, in correctly marked, original packaging. Keep dry.

-No possibility of expiration
-No possibility of over-feeding
-Natural, non-toxic product
-Keep away from children
-Avoid contact with eyes
-Avoid inhaling product dust
-Work in accordance with the principles of OSH.

IN CASE OF DUST GOT INTO THE RESPIRATORY TRACT:
-Carry the injured person into the fresh air
Use dust masks in case of large dustiness

AINEG-POL

PACKAGING AND TRANSPORT

Packaging:
-Cartons 1 – 5 kg
-Plastic bags 1 – 20 kg
-Paper bags 5 – 20 kg
-Big-bag 500 – 1000 kg
-Transport on pallets

SERVICE AND CONSULTING

We provide professional advice in the area of adjusting the product to the type of soil and needs of plants. We collaborate with the Institutes IUNG and INSH in Puławy, Institute of Horticulture in Skierniewice, Wrocław University of Environmental and Life Sciences, The Faculty of Life Sciences and Technology, Department of Plant Nutrition, “Poltegor – Instytut” Institute of Open Cast Mining.

AINEG-POL

The content of present information is a property of AINEG-POL sp. z.o.o. – THE MANUFACTURER of the soil properties improving agent under the name of ECO-PLON VOLCANIC MINERALS. AINEG-POL conditions the rights to the content, reprinting or changes of the content without permission is forbidden.

ECO-PLON Volcanic Minerals® i Sverige
Epost: christer@eco-plon.se tel: +46 073 3357817

Manufacturer: Aineg-Pol sp. z.o.o. 43-100 Poland