

SOIL CONDITIONERS

HUMIC PRODUCTS FOR SOIL REFORMING

PLASIS

PROPERTIES

The products PLASIS can change the **pH value** (acidity) of the soil. They also enrich the soil with Calcium, Magnesium or Sulfur, important elements for plant nutrition. These products have the ability to improve the soil structure, the reservoir capacity and other important physical and chemical properties of soil.

The products PLASIS replace the ordinary soil-reforming products such as droppings, lime, sulfur and various industrial wastes. The forementioned "ordinary" products have not the abilities and properties of the PLASIS products, on the contrary they have serious disadvantages and they cause serious risks to the farmer and to the quality of the soil, such as the extermination of the beneficial micro-organisms, the annihilation of the trace elements, the accumulation of salts, heavy metals and chloride and the creation of toxic fields.

USING THE PLASIS

1. **Enrichment** of the feeble fields with organic material of best quality (HUMUS) and increment of the soil fertility.
2. **Activation** of the beneficial microorganisms that help the assimilation of the chemical fertilizers.
3. **Disruption** of the accumulated salts of the soil.
4. **Enrichment** of the soil with trace elements.
5. **Regulation and stabilization** of the **pH value** of the soil at the level that each cultivation prefers.

PLASIS APPLICATIONS

? Regulation of a problematic pH value of the soil

You choose the right PLASIS product. In case you want to increase the pH value you will choose one of the **ALKALINE PLASIS products**. In case you need to decrease the pH value of the soil you will choose one of the **ACIDIC PLASIS products**. The exact product will be chosen, depending on which element is more important for your cultivation or depending on any possible deficiency exist.

- During the soil preparation, before the sowing or the transplanting, apply (depending on the situation and the size of the problem) 500-1000 kg/hectare by dispersion (spread the amount on the surface of the soil) and integration (mix with the soil).
- For trees and vivacious cultivations apply the above quantity of product, preferably during winter time, by dispersion and integration or by irrigating the area.

? Precautionary application

There are some plants that they have the ability to absorb more cations or more anions from the soil. In that case the pH value of the soil may change even during some cultivation seasons. Thus, you should apply about 100-200kg/hectare on purpose to control and stabilize the pH value before any undesirably situations.

COMPOSITION

The analysis of the PLASIS products is scientifically defined. Content:

1. **Active soil-reforming material.**
2. **Organic material-HUMUS (humic acids, fulvic acids, proteins, etc.)**
3. **NITROGEN (these products are overabundance in nitrogen, so that they will not cause any nitrogen deficiencies in the soil, because of the abundance of carbon and the alteration of the C/N ratio).**
4. **TRACE ELEMENTS (nutrients and catalytics).**

THEY DO NOT CONTAIN CHLORIDE AND HEAVY METALS

HUMIC SOIL REFORMERS PLASIS

CHEMICAL ANALYSIS

PRODUCT	HUMUS %	CaCO₃ %	MgCO₃ %	CaSO₄ %	S %	FeSO₄ %	N %	T.E.
ALKALINE CALCIUM	25	65	-	-	-	-	1,5	TRACE ELEMENTS
ALKALINE MAGNES	25	5	50	-	-	-	1,5	TRACE ELEMENTS
ALKALINE MAGNE-CALCIUM	25	40	30	-	-	-	1,5	TRACE ELEMENTS
ACIDIC PLASTER	25	-	-	65	-	-	1,5	TRACE ELEMENTS
ACIDIC SULF?R	25	-	-	-	65	-	1,5	TRACE ELEMENTS
ORGANIC NATURA	70	-	-	-	-	-	1,5	TRACE ELEMENTS
ORGANIC FERA	60	-	-	-	-	20	1,5	TRACE ELEMENTS

TRACE ELEMENTS

BORON (?), KOBALT (Co), COPPER (Cu), IRON (Fe), MANGANESE (? n), MOLYBDENUM(Mo), ZINC (?n).

HUMUS

ORGANIC MATERIAL - HUMUS : Humic acids, Fulvic acids, Proteins, etc.

Packing: Bags of 50kg