

PLASIS L-AC

LIQUID REFORMER ACIDIC ACTION on soil pH - IRON FERTILIZER

IDENTITY & ACTION

The soil improver **PLASIS-AC IRON** is a liquid pioneer product of high technology. It is a chemical (inorganic) product that makes humus out of old vegetation and all kind of organic material, on the field.

PLASIS-AC IRON acts as follows:

1st As an **active soil improver** for controlling the chemical properties of the soil, such as the reduction of pH value and improvement of the cation exchange capacity of the soil.

2nd As a **humifier**, it makes humus out of all kind of organic residues, old plantation or other kind of organic materials.

PLASIS-AC IRON replaces all kind of "old kind" soil reformers used for pH reduction, such as Industrial wastes and Sulphur by-products. However **PLASIS-AC IRON** unique role is about being so effective without having any of the serious disadvantages for health and environment the of the "old kind" soil reformers (Industrial wastes and Sulphur by-products) have.

Thus, PLASIS-AC IRON:

- **Is not dangerous for farmer's health and environment.**
- **Does not leave toxic residues on soil.**
- **Does not bind the nutrient NPK elements and the microelements.**
- **Does not increase the salinity of soil as it does not contain salts.**
- **Does not harm the beneficial micro-organisms, responsible for soil's health and fertility.**
- **Does not cause toxicity into the soil as it does not contain heavy metals and Chloride (Cl).**
- **Does not cause "layers" in specific depths into the soil after the penetration, creating necrotic soil zones and destroying the root systems, as calcium materials of industrial wastes cause.**

PLASIS-AC IRON contains active reforming compounds and catalysts which reduce the pH of soil, through chemical reactions (chemically) and not just because it is mixed into the soil (mechanically) as the "old" soil reformers try to do. Thus, **we have a permanent result and a completely success effort for a healthy, balanced, fertile soil.**

APPLICATION

- 1** Apply **PLASIS-AC IRON** by spraying it on the SOIL after the plowing and the preparation of soil for the new plantation. Use the smallest amount of water needed (for example 20-30kg of water per 1000 square meters, or 200-300kg of water per hectare). Add 20-100kg/hectare
- 2** Apply **PLASIS-AC IRON** through the drip irrigation. Add 20-100kg/hectare, before transplanting or seeding, or 10-30kg/hectare after transplanting. You can repeat the application 3 times.

CHEMICAL SYNTHESIS	% W/W	% W/V
NITROGEN TOTAL (N) AMIDIC 62%-AMMONIAC 19%-NITRIC 19%	7,0%	8,5%
IRON (Fe)	4,0%	4,5%

