

Plantalys®-Fer Soil applicable beads



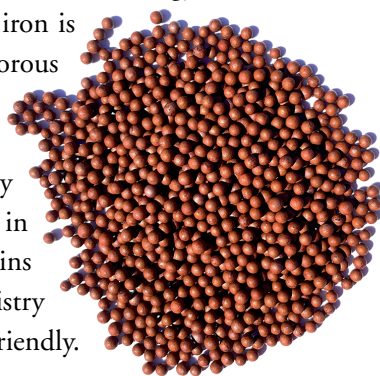
EC fertilizer (2019/1009)

Preventive or curative action against iron deficiency

Vines, fruit trees, strawberries, raspberries, flowers, ornamental trees and shrubs, market garden crops and lawns.

Contains: 6 ± 0.5% Iron in hydrated zeolite matrix

Plantalys®-Fer is the result of a patented 'Deep-Tech' technology that breaks with the usual processes used to correct deficiencies: iron is delivered to the plant via a zeolite matrix, a microporous mineral. After application to the soil, alone or mixed with a mineral or organic fertiliser, **Plantalys®-Fer** will gradually release the Fe^{2+} ion, which will be directly assimilated by the plant. This insoluble rock, similar in nature to sand, remains at soil level and its use remains undetectable in groundwater. Its green chemistry production and use are completely environmentally friendly. What's more, **Plantalys®-Fer** is not affected by light.



Specifications

- Rust-coloured to brown beads (depending on ambient humidity), 1.6 to 2.4 mm in diameter.
- Water-insoluble rock, designed to release the Fe^{2+} ion gradually into the soil.

Conditions of storage and use

- Store in original closed packaging away from heat and out of the reach of children.
- Handle with gloves.
- Clean equipment after use, especially metal parts.

Agronomic benefits

- Prevention and correction of iron deficiencies which, when excessive, are known as iron chlorosis.
- **Plantalys®-Fer** improves crop yield, quality and disease resistance of plants.
- Easy to apply: the beads are applied by simply spreading them on the soil surface, without the presence of any dust. **Plantalys®-Fer** is UV-resistant.
- Easy to store: stable, not dirty for the user, not sensitive to light.

Environmental Benefits

- **Plantalys®-Fer** is an exclusively mineral product (alumina silicate + Fe^{2+}). The zeolite matrix remains insoluble. Located at its application site like a grain of sand, it leaves no trace in groundwater.
- When the iron is released from the zeolite, another cation from the soil is introduced into the pores with the help of water, and a balance is established to contribute to soil life.
- In the medium term, the zeolite beads end up eroding with tilling of the soil.

Recommended use

Plantalys-fer can be applied at all stages of growth. However, it is advisable to apply iron at the start of vegetation. The dosage must be adapted to each type of plant and soil.

Indicative doses

- Flowering Plants – 2 to 10g/m²
- Trees – 150 to 200g/plant
- Shrubs, Young Trees – 50 to 100g/plant
- Vines – 25-30 kg/ha
- Lawns – 10 kg/ha



Plantalys SAS

Head office : 6 rue du Château, 79390 Doux
email : contact@plantalys.fr
RCS Niort B 851 877 308
SIRET 85187730800011
APE code 4675Z
Intracom. VAT Number FR96851877308

