



grønn
gjødsel



Generally to supply iron by analysis or suspicion of iron deficiency. The iron in Ferrovital is bound with the natural chelating agent citrate, which the plant itself uses for the transport of iron inside the plant. Iron citrate is therefore more efficiently absorbed through the leaves compared to other chelating agents or unclassified products.

Iron, like many other micronutrients, is important for the plant's resistance to disease. Ferrovital is used for foliar fertilization in all greenhouse and outdoor cultures to counteract iron deficiency. Ferrovital provides iron directly available for plant uptake, providing fast and safe growth.

Iron is important for electron transport in reduction oxidation reactions in photosynthesis, cell respiration and nitrogen fixation, and is included in hemoproteins in cytochromes and in non-hem iron sulfur proteins (ferredoxin, Rieske proteins). Iron is also needed for chlorophyll synthesis, so there is generally a lot of iron in the chloroplasts. Iron deficiency causes a shortage of electron transporters and can cause photo-oxidative damage. Iron is not soluble, especially at high pH. The plants have different strategies for obtaining iron. Normally, the plants will absorb iron via the root system.

A sign of iron deficiency is chlorosis, which comes from a reduced amount of chlorophyll, thereby giving the plant a yellow color which under normal conditions should be green.

Pepton (or Protem) + Ferrovital + Magnofoss is a good combination for spraying in, among others, berry cultivation in the spring when the temperature is low and the plants are preferred by plant-improving substances. In cold soils there is often an iron deficiency and Ferrovital provides easily absorbable iron directly to the leaves. Magnofoss supplies important phosphorus that is difficult to absorb at low soil temperature and also magnesium in chlorophyll. Especially when plants are stressed or weakened, Pepton is important in supplying energy. Pepton also provides ready-made building blocks for protein synthesis and improves the uptake of the other ingredients.



Analysis

Iron(Fe)
pH
density

50 g/liter
7
1,3 kg/l



Content

Iron chelated with citrate.



Recommendation

To be applied after soil analyzes.
Dose for foliar fertilization:
0.1-5.0 l / 100 l spray liquid,
5-10 l / ha.
For golf greens 20 l / ha.

20 l / 1000 l