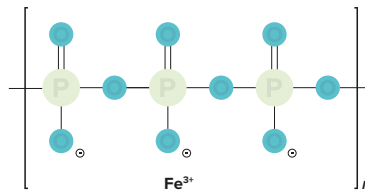


AMBIORIX

The next generation of iron fertigation

Ambiorix is an innovative CE marked iron fertiliser based on polyphosphate technology. These polyphosphates protect the iron from precipitation, a common problem with chelates. **Ambiorix** guarantees the availability of iron for your crop at any time.

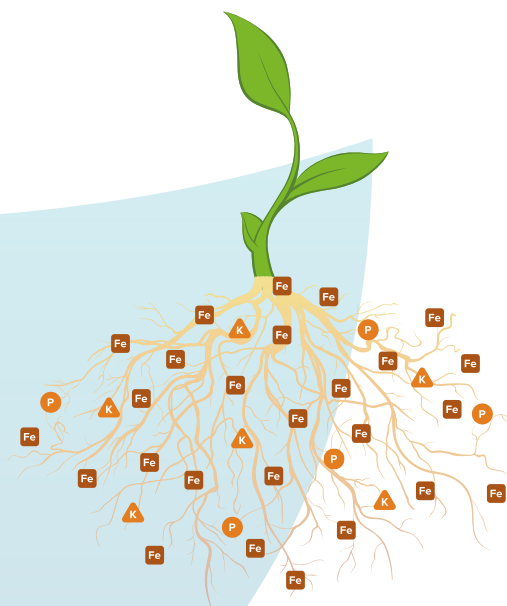
Ambiorix is an odourless, purple and clear solution that contains 1.3% iron (Fe), 19% phosphates (P_2O_5) and 21% potassium oxide (K_2O). It is ready to use, and delivers your crop the necessary iron, phosphorus and potassium, all-in-one.



WORKING MECHANISM

Ambiorix's polyphosphates not only shield iron from precipitation but also deliver essential micronutrients to the roots of plants. When hydrolyzed into orthophosphates at the root-soil interface, the iron is released and can be taken up by the roots. The orthophosphates in **Ambiorix** can also be fully absorbed by specific transporters, leaving no residue and offering a higher nutritional value than chelates. Additionally, the surplus polyphosphates enhance the bioavailability of other cations, including Ca, Zn, Mn, and Cu.

- » Iron is complexed by the polyphosphates
- » Iron is released from the polyphosphates at the roots
- » All iron can be taken up by the plant
- » Enhanced micronutrient transfer to the plants
- » Increased uptake of Fe, P, K and micronutrients



PERFORM



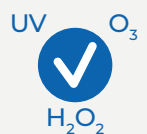
Horticulture



KEY BENEFITS



Fully
plant-available
iron



100% compatible
with UV, ozone &
hydrogen peroxide



Anti-limescaling
effect



Enhanced
micronutrients
assimilation



Includes
polyphosphates



Transparent iron
fertiliser

ADVANTAGES

-  Fully plant-available iron
-  Combination of phosphorus, potassium and iron
-  Can be combined with disinfection techniques such as activated carbon filters, hydrogen peroxide, UV and ozone
-  Enhances nutrient availability and uptake
-  Ensures high-quality plants and yield
-  No sludge
-  Removal of inorganic deposition
-  CE mark

APPLICATION AREAS



Fertigation:

Ambiorix can be applied via the irrigation water, which results in an efficient uptake of P, K and Fe by the roots of the plant. Furthermore, the uptake of other micro-nutrients such as Ca, Zn and Mn increases upon addition of **Ambiorix**.



INSTRUCTIONS FOR USE

- » Dose is dependent on the need and the crop, ask our experts for advice
- » Measure the iron concentration in irrigation and drain water
- » Use an accurate dosing system
- » Do not mix the undiluted product with acids

SUPPORT AND GUIDANCE

Our technical experts can support you in every step:

- » On-site comprehensive training
- » Advice and guidance on application and dosage
- » Supply and installation of suitable dosing system
- » Provide ongoing support
- » The latest insights and technical know-how in horticulture

