

PROPERTIES

ICI is a liquid, acidic formulation of concentrated heptahydrated iron sulfate, in an ionic Fe^{++} form. Thanks to its innovative technology the iron ions remain stable and bioactive until full absorption of ICI by plant tissues.

The main feature of ICI is its good penetration ability after being sprayed on foliage. ICI is very effective as it increases quickly and significantly the iron content in leaves. Moreover, it does not stain the treated plants.

ICI is used to prevent or control the iron deficiency of plants, known as iron chlorosis. This problem occurs frequently in alkaline and calcareous soils with high pH ($\text{pH} > 7.5$), but also in very acidic and light structured-sandy soils, as well as in soils with

very low organic substance content. The typical symptomology is interveinal chlorosis (leaves lose their intense green color between the leaf veins), initially of the new leaves in the upper part of stems especially when temperature rises.

Chlorosis occurs due to leaves' inability to compose chlorophyll, which results in reduced plant growth and low crop yield. ICI delivers iron quickly and effectively, thus enabling production of chlorophyll, cure of chlorosis and intensification of photosynthesis.

If symptoms of deficiency have already appeared, new leaves which will be formed after foliar application of ICI will not be chlorotic.

ICI CAN BE USED IN ORGANIC FARMING.
IT COMPLIES WITH EU REGULATIONS 834/07 AND 889/08

CANADIAN TECHNOLOGY

Manufactured by ENVIRO SAFE SOLUTIONS Sdn Bhd.
ENVIRO SAFE SOLUTIONS Sdn Bhd guarantees the quality of the product, but is not responsible for the consequences of inappropriate use. So, the label must be read carefully before the use of the product.

HAZARD STATEMENTS

H302: Harmful if swallowed.
H319: Causes serious eye irritation.
H315: Causes skin irritation.

PRECAUTION STATEMENTS

P102: Keep out of reach of children.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



CAUTION

P337 + P313: If eye irritation persists: Get medical advice / attention.
P303 + P361 + P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P332 + P313: If skin irritation occurs: Get medical advice / attention.
Contains: IRON SULFATE HEPTAHYDRATE (II)

POISON CENTRE
PHONE NUMBER:
+30 210-7793777

METHOD AND TIMING OF APPLICATION, CROPS

ICI is applied on all crops such as vegetables, strawberries, potatoes, legumes, fruit-trees, nut-trees, citrus, kiwis, vines, olives, avocados, arable crops, ornamental plants, grasses (turf), preventatively or curatively mainly during vegetative growth.

It creates homogeneous (without agglomerates) and stable aqueous solution.

It is applied by foliar application with cathodic and even wetting of the foliage up to runoff.

DOSE

100-200ml ICI per 100 liters of water, depending on the needs of each crop and area.
Overdose must be avoided.

MIXING INSTRUCTIONS

It can be combined / mixed with the majority of agrochemicals, but not with mineral oils or products with very low pH.

STORAGE INSTRUCTIONS

ICI should be stored in its sealed package in a closed warehouse protected from extreme temperatures, fire, moisture and temperatures below 0°C .



ICI[®]
Ionic Concentrated Iron

FOR PREVENTING - CONTROLLING IRON DEFICIENCY

1L

Iron fertilizer

GUARANTEED ANALYSIS (w/v):
Ionic Iron (Fe^{++}) 3,55%
as iron sulfate heptahydrate
Inert solvents: 96,45%

IONIC IRON
 $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$



EC Fertilizer

Representative in EU: Agrocure

www.agrocure.com