



84% of golf course
superintendents feel
iron applications
are a necessary
part of their fertility
program.

Milorganite Iron

Choosing the right iron can make all the difference

WHY IRON? Iron (Fe) is one of the 16 essential nutrients required for plant growth. Without iron, plants could not form chlorophyll, the photosynthetic pigment that converts sunlight to energy and makes plants green. Iron is also used, in enzyme form, by plant respiratory systems and is necessary for nitrogen metabolism.

THE MANY FORMS OF IRON. Like nitrogen, iron comes in many forms. Not all of them are created equal. Iron salts are the most common sources of iron because they are the least expensive. However, when iron salts break down in the soil, chemical reactions turn the iron into various insoluble compounds that are unavailable to plants. Synthetic iron chelates were developed to make iron more accessible to plants over time. However, chelates are expensive and difficult to apply effectively. It would require frequent applications of synthetic iron chelates to produce the results of one application of Milorganite.

WHY MILORGANITE IRON? The iron in Milorganite is organically complexed, so it performs like chelated iron. As microorganisms in the soil use Milorganite as a food source, all the nutrients, including iron, are released and made available to plants over time. Milorganite iron provides the best of both worlds; it performs like expensive chelated irons, but it's priced like inexpensive iron salts.

MILORGANITE is guaranteed to contain a minimum of 4% iron—almost as much iron as nitrogen. Which means every time you apply one pound of Milorganite's slow-release nitrogen, you're also applying two-thirds of a pound of slow-release, organically completed iron.



EFFECTIVE IN HIGH pH SOILS,
EVEN CALCAREOUS SOILS.

LONG LASTING. UP TO 12 WEEKS
OF IRON RESPONSE.

EASILY APPLIED WITH A
FERTILIZER SPREADER.

NON-BURNING. CAN BE APPLIED
TO WET TURF.

NON-STAINING ON ANY SURFACE.

RELEASES INTO PLANT'S ROOT
SYSTEM. WON'T BE REMOVED
WITH FREQUENT MOWINGS.

IRON FACTS

- Iron makes plants green. Iron is essential for the formation of the photosynthetic pigment chlorophyll
- Iron helps plants breathe. Iron is present in the enzymes using in plant respiratory systems.
- Iron opens the door for other nutrients. Plants need iron to metabolize nitrogen.
- Iron gives you deep green color without excessive growth.

MILORGANITE 6-2-0

PRIMARY NUTRIENTS

Nitrogen	6.0%
Phosphorus	2.0%

SECONDARY NUTRIENTS

Calcium	1.2%
Iron	4.0%



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