



MARKET NEWS

SILICON: THE FORGOTTEN ELEMENT IN PLANT NUTRITION

Silicon (Si) is the second most abundant element in the earth's crust. Although valuable to plant health, silicon is not considered an essential plant element. This has led some growers to ignore the potential benefits of adding Si to their crops nutrition regimen.

Looking at the total picture, the conclusion can be drawn that plants that frequently enjoyed a sufficient dose of Si:

- Carry sturdier fruits with a higher nutritional value and a longer shelf-life
- Are more likely to endure attacks by pests or fungi
- Are more resistant to drought stress & higher temperatures
- Are more resistant to stress caused by high concentrations of salts in the substrate (high EC)



More on source: <https://www.agprofessional.com/article/silicon-forgotten-nutrient>

#TOLSAFUNFACT

DID YOU KNOW..

...around 37% of the world's land is considered to be **agricultural land?**

Wheat, rice, maize and soybean are some of the most widely grown crops in the world.



Wheat: it covers more of the earth than any other crop. Wheat is the leading source of vegetable protein for humans worldwide.

Rice: it is the source of more than 1/5th of all calories consumed by humans.

Maize: corn is the most produced grain in the world. It is a great source of carbohydrates, protein, iron, vitamin B, and minerals.

Soybean: it produces twice as much protein per acre as any other major vegetable crop.

EVENTS

IPM ESEN: THE WORLD'S LEADING FAIR FOR HORTICULTURE

IPM Essen was held from January 22nd to the 25th in Germany.

In TOLSA, we didn't want to miss the opportunity to attend the world's reference horticulture fair, as Agriculture is one of our main business applications, and we are always seeking to learn about new market trends and innovations.



The exhibition is a meeting point for agriculture professionals, and during the event we had the chance to discover the latest news about ornamental varieties, nurseries, substrates and garden.

One of the fair's highlights was the increasingly focus in "0 residue" products from nutritional solutions companies.

