

Plant nutrition courier

20 years best bits of plant nutrition research

2025-01

Jubilee issue

With extra attention for formulation research

Urea increases effectiveness of foliar fertilisers 3

Overview of research into urea effects on foliar-applied fertilisers 5

Adjuvants with plant nutrition effects 17



Urea increases effectiveness of foliar fertilisers 3

Urea can significantly improve the effectiveness of foliar fertilisers. This is evident from an analysis of dozens of experiments, performed by the Plant nutrition *courier*.



Adjuvants with plant nutrition effects 17

Urea clathrate adjuvants can dissociate in the spray tank into urea and the complexed adjuvant. When the spray solution is applied to the foliage, urea can exert its nutritional and adjuvant effects.

Anniversary

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Urea's effects as foliar fertiliser additive

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20 years of news about plant nutrition research and beneficial nutrients

It is March 2005. In this month the first issue of the digital newsletter Beneficial nutrients news is published. Six years this special interest newsletter publishes news and reviews on so-called beneficial nutrients, such as silicon, selenium, iodine and nickel.

From 2011, news about beneficial nutrients is a regular part of the digital bimonthly magazine Plant nutrition *courier*, which was previously a supplement of Beneficial nutrients news.

The Plant nutrition *courier* meets the interest in formulating (foliar) fertilisers and other relevant agrochemicals, including biostimulants. From this jubilee issue onwards, the magazine will pay more attention to adjuvant and formulation research. This jubilee issue is a special issue on the effects of urea on the effectiveness of foliar fertilisers. Regular sections (literature and patent publications) have been moved to the next issue.

Beneficial nutrients news started with a four pages counting issue. Regular issues of the Plant nutrition *courier* now often have more than 40 pages. We hope to provide you with the best bits of plant nutrition research for many years to come.

Gert van den Berg



Cover of the first issue of Beneficial nutrients news

Fertiliser companies



Analytical services



Fertiliser research



Liquid fertiliser applicators



Soil services



Agricultural cooperatives

(Dutch - with international network of subsidiaries)



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Colophon

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Plant nutrition *courier* is an internationally published bimonthly digital newsletter on plant nutrition, including silicon and other beneficial elements. Authors and publisher declare the information in the Plant nutrition *courier* is provided to our best knowledge of the current situation, but they cannot accept responsibility for the validity or for the consequences of their use. Subscriptions will be extended, unless cancelled at least one month before the end of the yearly subscription.