

Plant nutrition courier

The best bits of plant nutrition research

2019-05



Crops thrive on plasma-generated nitrogen 3

Combination of smartphone apps calculates nitrogen nutrition index 11

Drone measures nitrogen status with low-cost cameras 12

Affordable and adaptable remote monitoring of plant growth conditions 12



Crops thrive on plasma-generated nitrogen 3

The various nitrogen compounds generated during lightning discharges act as nutrient, biocide, biostimulant and signaling molecule. Scientists and entrepreneurs apply this ancient wisdom to produce ammonia, nitrate and other growth-promoting compounds.



Combination of smartphone apps calculates nitrogen nutrition index 11

Italian researchers have integrated two smartphone apps to calculate the nitrogen nutrition index of a crop. This index is an indicator of the nitrogen status and can be used to support topdressing advice.

Plasma technology

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- 7 Growing greenhouse crops with plasma-activated water
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Plant and soil analytics

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Service

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Fertiliser companies



Agricultural cooperatives

(Dutch - with international network of subsidiaries)



Liquid fertiliser applicators



Fertiliser research



Trial equipment



Soil services



Biostimulants



Mycorrhizae



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Colophon

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