



Plant nutrition courier

The best bits of plant nutrition research

2023-06

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Sunflower oil is low-cost antitranspirant 11

Trained machine learning model predicts nutrient uptake 14

Novel biodegradable chelating agent 16

Recent plant nutrition patent publications 36



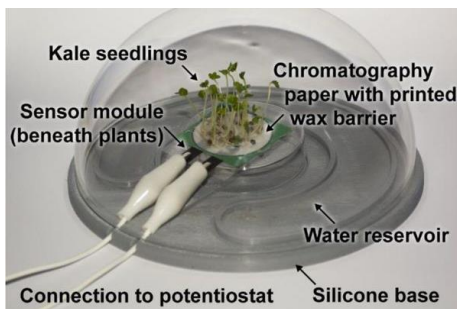
Suspension fertilisers: chances through wider choice of raw materials 4

Suspension fertilisers can outcompete solution fertilisers. On some soils, suspensions can outperform their granular counterparts.



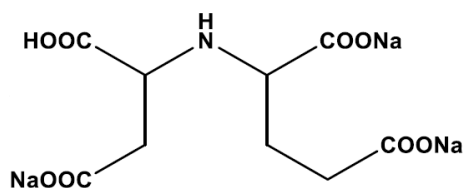
Sunflower oil is a low-cost antitranspirant 6

Current commercial antitranspirants are expensive. British researchers have found an effective, low-cost alternative in oil from sunflower.



Trained machine learning model predicts nutrient uptake 11

Picture: Güder Research Group (UK)



Novel biodegradable chelating agent 16

Picture: Kazan Federal University (Russia)

Suspension fertilisers

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- 12 Nitrification inhibitors increase phosphate uptake

Potato nutrition

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- 13 Silicon-releasing additives in growing media
- 13 Heatwave shortens polymer-coated fertiliser longevity

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Colophon

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