

Plant nutrition courier

The best bits of plant nutrition research

2021-02

Sulphate or sulphur: it depends on climate and application method 10

Foliar-applied magnesium enhances wheat growth in acidic soil 4

Grafting tomato onto potato improves salinity tolerance 5

Sensor reads plant health from electrical current through tissue 7

Soil matric potential controls nitrogen release from coated urea 8

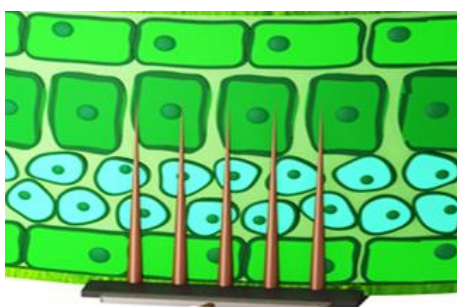
In vitro- and greenhouse-grown petunia respond differently to silicon-based fertiliser 31



Grafting tomato onto potato improves salinity tolerance 5

A potato rootstock can enhance the salinity tolerance of a tomato scion by balancing the partitioning of calcium, magnesium, potassium and sodium from roots to fruits.

Picture: Ben-Gurion University of the Negev



Sensor reads plant health from electrical current through tissue 7

Ultrathin biosensor-bearing needles collect information about a plant's physiological status. Illustration: KAUST



Soil matric potential controls nitrogen release from coated urea 8

Water is penetrating polymer-coated urea fertiliser. Photograph: CSIRO



In vitro- and greenhouse-grown petunia respond differently to silicon-based fertiliser 31

Arable farming

- 4 Foliar-applied magnesium enhances wheat growth in acidic soil
- 4 Intercropping legumes and cereals increases phosphorus use efficiency
- 4 Phosphate seed dressing and foliar application as replacement for soil application
- 4 Foliar-applied Fe-organic complexes outperform Fe-EDDHA in bread wheat biofortification
- 4 Split application of coated urea beneficial for wheat grain yield
- 6 Rainfall-optimised nitrogen strategies for maize
- 6 Seed priming with nanoscale manganese improves maize germination
- 6 Calcium kills rice false smut chlamydozoospores
- 9 Nitrogen improves efficacy of foliar-applied selenium
- 31 Salicylic acid improves silicon uptake in peanut
- 31 Silicon improves lentil quality under drought

Potato nutrition

- 5 Grafting tomato onto potato improves salinity tolerance
- 5 Publications about potato nutrition research

Fruits and vegetables

- 5 Grafting tomato onto potato improves salinity tolerance
- 6 Paclobutrazol improves apple fruit quality via coordination of carbon to nitrogen ratio
- 6 Selenium form determines pea response to aphids
- 31 Strawberry benefits from silica mechanocomposite
- 31 Silicon improves rocket yield and quality

Ornamentals

- 31 In vitro- and greenhouse-grown petunia respond differently to silicon-based fertiliser

Plant and soil analytics

- 7 Sensor reads plant health from electrical current through tissue
- 7 Device for collecting nanoliter sap sample from plants
- 7 Satellite can accurately estimate cover crop biomass

Fertilisers

- 8 Soil matric potential controls nitrogen release from coated urea
- 8 Growing degree days indicate nitrogen release from polymer-coated urea
- 9 Nitrogen improves efficacy of foliar-applied selenium
- 9 First steps of phosphorus release from fertiliser granule visualised
- 9 New nitrification inhibitor solubilises soil phosphate
- 10 Sulphate or sulphur: it depends on climate and application method
- 31 Sorbitol improves performance of silicon foliar fertilisers
- 11 Publications about new, experimental and potential fertiliser formulations

Silicon

- 31 Sorbitol improves performance of silicon foliar fertilisers
- 31 Salicylic acid improves silicon uptake in peanut
- 31 Strawberry benefits from silica mechanocomposite
- 31 Silicon improves lentil quality under drought
- 31 Silicon improves rocket yield and quality
- 31 In vitro- and greenhouse-grown petunia respond differently to silicon-based fertiliser
- 32 Recent silicon publications

Literature

- 5 Publications about potato nutrition research
- 11 Publications about new, experimental and potential fertiliser formulations
- 13 Publications about plant nutrition research
- 32 Recent silicon publications

Service

- 34 Calendar of events
- 37 Colophon

Publications about plant nutrition research		from page 13
General	13	Phosphorus 23
Biofortification	13	Potassium 25
Climate change	13	Calcium 26
Greenhouse gas emission	14	Lime / pH 26
Glyphosate and other herbicides	14	Magnesium 27
Mapping, sensing, sampling and analytics	14	Sulphur 27
Application technology	15	Boron 28
Foliar fertilisation	16	Copper 28
Chelates	16	Iron 28
Organic fertilisers and industrial wastes (selection)	16	Manganese 28
Green manure / cover crops	17	Molybdenum 29
Biochar	18	Sodium 29
Humic acids	18	Zinc 29
Nano-fertilisers	18	Iodine 29
Nitrification and urease inhibitors	19	Selenium 30
Specific release	19	Rhizobia, mycorrhiza etc. 30
Nitrogen	20	

Fertiliser companies



Agricultural cooperatives

(Dutch - with international network of subsidiaries)



Fertiliser research



Liquid fertiliser applicators



Soil services



Mycorrhizae



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Colophon

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