

Determination of sugar beet requirements for nitrogen
using different testing methods

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Assessment of nitrogen fertilizer requirements of wheat
crop on the basis of soil analysis

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Application of the N-min method within the soil fertility
and fertilizer use control system to rationalize the utili-
zation of nitrogen in wheat production

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Assessment of nitrogen mineralizing capacity of soils for
environmentally optimal fertilizer use

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Study of the uptake of nitrogen to assess fertilizer re-
commendations for gherkins and for white cabbage at diffe-
rent planting times

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Recovery of fertilizer-N on natural meadows in prealps
climate in Slovenia

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Residual phosphate studies on calcareous soils of Northern
Greece

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SESSION 3 Fertilizer characteristics, solid and liquid
fertilizers, timing and placement, behaviour in
soil, crop responses, environmental considera-
tions

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Main lecture

The use of models to predict nitrogen fertilizer require-
ments of arable crops and environmental side-effects of
fertilization

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Contributions

New liquid nitrogen fertilizer not causing scorching

Pa. PEPO and Pe. PEPO

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Effect of nitrogen fertilizer placement on yield and
quality of sugar beets

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