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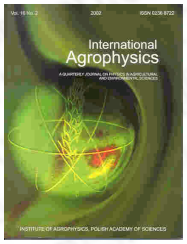

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Effect of fertilization method on the uptake and accumulation of mine components in the initial period of maize development

(get PDF)

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abstract On the basis of a 4–year study, the effect of fertilization meth uptake and accumulation of mineral components by maize was evaluate were used: by broadcasting over the whole surface and by band fertiliz applied fertilizer level was gradually increased from 17.4 to 56.7 kg P ha of superphosphate and ammonium phosphate. It was found that the up accumulation of mineral components depended on all the studied factor was increasing with the advancing vegetation. Band fertilization and th ammonium phosphate kept increasing the accumulation of all mineral co 4-5 to 8-9-leaf-stage, in comparison with broadcast fertilization and sup application, respectively. No distinct effect of phosphorus fertilization le