

MANGANESE NUTRITION AND PHOTOSYNTHESIS IN NAD-MALIC ENZYME C-4 PLANTS

A Dissertation

presented to the Faculty of the Graduate School
at the University of Missouri-Columbia

In Partial Fulfillment

of the Requirements for the Degree

Doctor of Philosophy

By

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The undersigned, appointed by the Dean of the Graduated School, have examined the dissertation entitled

**MANGANESE NUTRITION AND PHOTOSYNTHESIS
IN NAD-MALIC ENZYME C-4 PLANTS**

presented by Maru Kipleting Kering

a candidate for the degree of Doctor of Philosophy

and hereby certify that, in their opinion, it is worthy of acceptance.

Dr. Dale Blevins

Dr. Jerry C. Nelson

Dr. Robert Kallenbach

Dr. David Emerich

Dr. Stephen Pallardy

DEDICATION

A special dedication goes to my loving parents

“Kongoi got-tab Ketele Kapchepsuge”

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