

名城大学農学部

学 術 報 告

第 24 号

目 次

原 著

- Shigetoshi SUZUKI: The Effects of Environmental Factors and SADH on Photosynthesis, Transpiration, and Water Use Efficiency in Bean Plants 1
- 田中啓文・高山雄太朗・二村康志: ニューメロン葉における鉄の分画定量と鉄-クロロシス 9
- 高野泰吉・壁谷光・磯野和久: レタス F₁ 雑種の組織培養による増殖 17
- 新居直祐・中島三夫: キウイフルーツ 'モンティ' と 'ヘイワード' の果実肥大並びに品質特性 29
- 新居直祐・中島三夫: ウメ '白加賀' の果肉細胞の分裂・容積増大と果実の肥大成長 37
- 平井潤・高野泰吉: キュウリの成長及び陰イオンの吸収ならびに分配と成長期別培地陰イオン変量との関係 45
- 資 料
- 青野求・青山彰: パーソナルコンピュータによる粉末 X 線回析データの検索 63
- 業績紹介 i
-
-

昭和 63 年 3 月

名城大学農学部

SCIENTIFIC REPORTS
OF THE
FACULTY OF AGRICULTURE
MEIJO UNIVERSITY

No. 24

CONTENTS

ORIGINALS

- Shigetoshi SUZUKI: The Effects of Environmental Factors and SADH on Photosynthesis, Transpiration, and Water Use Efficiency in Bean Plants 1
- Hirofumi TANAKA, Yūtarō TAKAYAMA and Yasushi HUTAMURA: Fractionation of Iron in Melon Leaves with Special Reference to Iron-chlorosis 9
- Taikichi TAKANO, Hikaru KABEYA and Kazuhisa ISONO: Multiplication of Lettuce F₁ Hybrids by Tissue Culture 17
- Naosuke NII and Mitsuo NAKASHIMA: Seasonal Changes in Fruit Growth and Quality of Kiwifruit 'Monty' and 'Hayward' 29
- Naosuke NII and Mitsuo NAKASHIMA: Fruit Development in Relation to the Cell Division and Enlargement of the Flesh in Japanese Apricot cv. Shirakaga 37
- Jun HIRAI, and Taikichi TAKANO: Effect of Anionic Nutrients on Growth, Nutrient Ions Uptake, and their Redistribution by Anionic Variations in the Culture Solution at the Different Stages of Cucumber Development 45

REPORT

- Motomu AONO, Akira AOYAMA: Search of Powder X-Ray Diffraction Data by Personal Computer 63
- LIST OF CONTRIBUTIONS i

Published by

THE FACULTY OF AGRICULTURE, MEIJO UNIVERSITY

Nagoya, Japan

March 1988