CONTENTS

[Reports]

- 1 Effects of Application of Carbon Dioxide Gas on Yield and Quality of Strawberry Cultivar "Yayoihime" Seiya TAJIMA and Akira KARASAWA 1
- 2 Effect of Strips of Rope Impregnated with a Combined Sex Pheromone-Based Formulation on Pest Control in Summer–Autumn Cabbage
- Kazuaki OKAWARA, Manabu KAMIMURA, Takeharu KOIZUMI, Eri KENMOCHI and Koji YOKOYAMA 7
- 3 Selection of Green Manure Crops Appropriate for Summer-Autumn Harvested Cabbage in Tsumagoi Village in Japan

Shigeaki OKAMURA, Nobuyuki KANUMA, Yuichi SAITO and Kazuhiko MIKUNI 13

[Short Communications]

1 Development of Inclination Classification Maps of Fields in Tsumagoi-mura

Nobuyuki KANUMA 21

2 Autumn–Winter Japanese Bunching Onion Cultivation with Reduced Phosphate Fertilizer Application Keiko SEKIGUCHI, Hotaka SAITO and Tetsushi KATO 23

3 Comparison of Attraction Efficiency of Trap Types for Beet Armyworm (*Spodoptera exigua*) Hiroko SUNAHARA, Tomoji ARAI, Hiromi MAEDA, Hiroshi KAWADA and Toru AIZAWA 27

4 Applicability of a New Soft-Leaf Vegetable Trimming Machine in Handling of Outdoor-Grown Winter-Harvest Spinach

Yuriko OGURA, Masaoki HARA and Hiromi MAEDA 31

[Submitted Papers] 1 Effect of Soil Temperature on The Onset of Sclerotium Onion

Kentaro IKEDA and Hiroshi SAKAI 35

2 Infection of The Spot Bacterial Bacterium Acidovorax Valerianellae During Outdoor Management of Potted Hydrangea

Kentaro IKEDA and Osamu FURUYA 35

3 Outbreak and Fate of Blueberry Gall Midges in Gunma Prefecture Shigehiro MATSUDA, Ken YOSHIHAMA, Satoshi KUSHIKAWA, Itsuro KOBAYASHI, Kaori KATO, Kenta NAGUMO, Masayuki MITSUISHI, Kohei YOSHINO, Tomoji ARAI and Toru AIZAWA 35

4 Predicting Disease Occurrence of Cabbage Verticillium Wilt in Monoculture Using Species Distribution Modeling.

Kentaro IKEDA and Takeshi OSAWA 36