CONTENTS

[Reports]

1 Nitrogen Dressing to Inprove the Protein Content for Excellent Bread-Making Properties of Wheat ``Yumekaori" in Paddy Fields	
Yusuke ARAI, Keita TAKAHASHI and Masayoshi HIROOKA	1
[Short Communications] 1 Harvest Time of Recommended Paddy Rice (Certified) Cultivar'Nijinokirameki'for Flatland Areas in Gunma Prefectur Keita TAKAHASHI, Minami OGAWA, Yusuke ARAI, Toshikazu TAKAHASHI and Minoru OSAWA	6
2 Correlation between Contamination of Panicle Germination grain and Falling Number in Wheat Kazuya Akaishi, Yusuke Arai and Toshikazu Takahashi	8
3 Sparse Planting Adaptability of Recommend Rice (Certified) Cultivar'Inahokkori' in mid-late June transplan	
	10
4 Development of a Low Cost and Labor-saving Y-shaped Grape Vine Hideo Yuki, Tomoaki Hoshino, Youko Nakano and Akihiro Mutoui	12
5 The Influence of 1-MCP on Shelf Life and Quality of Apple Cultivar "Gunma Meigetsu Fumito MATSUI, Tomoya ARAKI and Mitsuru HORIGOME	15
[Notes] 1 Development of web application and prediction method of soluble solids content on 'Shine Muscat' grape in the harvest time Hideo Yuki, Tomoaki Hoshino, Yoko Nakano, Kunihiko Hosono and Jun Koike	18
2 Drone-based Sensing Methods and Application of Sensing Data in Konjac Fields Kenta NAGUMO, Kazunori SHINOHARA and Fuminori YAMADA	25
3 Distribution and Content of Acetylcholine in Eggplant Cultivated in Gunma Prefecture Minoru OSAWA, Satoru ISHIHARA and Hiroto ISHIHARA	30
[Submitted Papers] 1 Estimation of Dead Plant Rate using Aerial image from an Unmanned Aerial Vehicle in Konjac Cultivation Field Kentaro IKEDA, Hiroaki IIZUKA Keisuke HOSHINO Miyu ARAI and Takesho OOSAWA	36

2 Potential of Myrobalan Plum as a New Pollinizer for Japanese Plum Cultivars

Yoshihiro Takemursa, Keisuke Tochimoto, Mutsuki Kitayama, Haruna Moroto, Miyu Sakata, Takushi Yoshida, Toshihiko Inamoto, Sakie Takazawa, Ayumi Okamoto, Noriyuki Machida, Yoko Nakano, Kazuyuki Hirai and Fumio Tamujra 36