

**Contents****Vol. 40 No. 1 2006****REVIEWS****Crop Science**

- 1 Effects of Dwarfing Genes on Chilling Tolerance at Seedling Stage in Rice Masayuki MURAI, Hari Bahadur KC, Kazuo ISE, Tetsushi YOSHIDA & Kazushige NISHII

**Biotechnology/Crop Science**

- 13 Genetic Studies on Glossy Leaves in Sorghum (*Sorghum bicolor* L. Moench) Isao TARUMOTO

**Agricultural Environment**

- 21 Genotypic Differences in Cadmium Concentration and Distribution of Soybean and Rice Tomohito ARAO & Satoru ISHIKAWA
- 31 Bacterial Community Shift in Field Soil Caused by Annual Application of Liquid Livestock Feces Katsuji WATANABE, Nobuhisa KOGA & Hiroshi NIIMI

**Agricultural Engineering/Information Technology**

- 37 Yield Monitoring System for a Head-Feeding Combine Tadashi CHOSA, Yoichi SHIBATA, Kyo KOBAYASHI, Masamichi DAIKOKU, Masaaki OMINE, Kazunobu TORIYAMA, Kan ARAKI & Hisashi HOSOKAWA

**Food Technology**

- 45 Effects of Intestinal Flora on the Metabolism and Absorption of Isoflavones Motoi TAMURA

**Horticulture**

- 51 Involvement of Polyamine in Floral and Fruit Development Ji-Hong LIU, Chikako HONDA & Takaya MORIGUCHI

**Fisheries**

- 59 A Possible Collaboration with China on Marine Ecosystem Research in the East China Sea Kazufumi TAKAYANAGI, Kou NISHIUCHI, Katsumi YOKOUCHI & Kuniaki MIYAJI

**ARTICLES****Biotechnology**

- 65 Development of a New Cultivar-Discrimination Method Based on DNA Polymorphism in a Vegetatively Propagated Crop Hiroyuki OKAMOTO, Tomoko TAKAMIYA, Akira SAITO, Eiji DOMON, Kazuhiko IIMURE, Keisuke TOMIOKA, Makoto KAWASE, Yuhko OHTAKE, Yasufumi MURAKAMI & Hisato OKUIZUMI

**Agricultural Engineering**

- 71 A Planting Machine for Chrysanthemum Cuttings with a Supply Mechanism Using Rotating Cups Shigehiko HAYASHI, Tomohiko OTA, Kotaro KUBOTA, Eiichiro KINOSHITA & Kazuhiko YAMAMOTO

**Animal Husbandry**

- 79 Immunohistochemical Distribution of Protozoa in Experimental Porcine Toxoplasmosis Pedro BAÑALES, Manabu YAMADA, Minoru NARITA, Kameo SHIMURA & Kikuyasu NAKAMURA

- 85 The Effects of *Pseuderanthemum palatiferum*, a New Medicinal Plant, on Growth Performances and Diarrhea of Piglets Huynh Kim DIEU, Chau Ba LOC, Seishi YAMASAKI & Yutaka HIRATA

**Fisheries**

- 93 Examination for Viral Inactivation of WSSV (White Spot Syndrome Virus) Isolated in Malaysia Using Black Tiger Prawn (*Penaeus monodon*) Norihisa OSEKO, Toh Thye CHUAH, Yukio MAENO, Beng Chu KUA & Veloo PALANISAMY