Contents

Research Papers

YAYOTA, M., Y. NISHIMICHI, C. YAYOTA, H. NAKATSUJI, S. KONDO and M. OKUBO  Effect of Stocking Rate and Grazing Initiation Date on Milk Production per Unit Area under Rotational Grazing System 401–406

YAYOTA, M., Y. NISHIMICHI, C. YAYOTA, H. NAKATSUJI, S. KONDO and M. OKUBO  Effect of Pre-grazing Grass Height on Milk Production by Dairy Cows under Rotational Grazing 407–411

KITAHARA N., S. SHIBATA, M. KAWANO, S. TAKAHASHI and T. NISHIDA  Utilization and Management of Mulberry (Morus sp.) for Forage 2. Survivals of mulberry trees harvested by cattle browsing and clipping 412–415

YAMAMOTO, Y., K. SHINDO, K. HAGINO, K. HIRANO, Y. NAKANISHI and N. OTAKI  Changes in Vegetation due to the Stopped Controlled Burns in the Semi-natural Grassland of Aso Region. 416–420

SUDO, K., K. OCHIAI, T. IKEDA and K. UMEMURA  Effects of Management on Yield, Nutritive Value and Persistence of Intensively Grazed Meadow Fescue (Festuca pratensis Huds.) Pasture 421–427

OSHITA, T., K. NONAKA, S. KUME, K. IWABUCHI and M. GAU  Chemical Composition, Characteristics of Silage Fermentation and Nutritive Value of Galega (Galega orientalis Lam.) 428–432

HARADA, H., Y. YOSHIMURA, S. Uozumi, M. ISHIDA, H. SASAKI, K. KOHYAMA, Y. SUNAGA and T. HATANAKA  Changes in Growth and Nitrate-nitrogen Concentration of Oat (Avena sativa L.) and Sorghum (Sorghum bicolor Moench) during Late Autumn and Winter 433–439

WATANABE, O., S. KUROKAWA, H. SASAKI, T. NISHIDA, T. ONOUE and Y. YOSHIMURA  Geographic Scale Distribution and Occurrence Pattern of Invasive Weeds 440–450

Special Feature

Agroforestry, History and Problem in Japan

OIKAWA, M.  Agroforestry, Historical Problem and Challengers Assignment to the Future in Japan —Why agroforestry, now in Japan?— 451–453

IWANAMI, Y.  Forest Grazing in Japan: Past and future 454–461

AOKI, S. and K. NAKAMURA  The Economic Problems of Agroforestry in Japan—In the case of Kayano-dairia agroforestry— 462–465

MASUI, K.  Agroforestry System for Multidisciplinary Utilization of Regional Land–resources in Japan—Conservation of land and environment by adopting agroforestry system— 466–472