

CONTENTS

Volume 22 Number 1 2016

The Editor's Field – Measurement Within and Between Years <i>Vincent M. Russo</i>	1
Soil Amendment and Integrated Nutrient Management on Growth, Yield, Soil Health, and Economics of Bottle Gourd <i>G. Prasad, Alok Nandi, and P. K. Swain</i>	3
Adoption of Innovative Agricultural Practices Across the Vegetable Supply Chain <i>Jabir Ali</i>	14
Commercialization of Urban Vegetable Farming <i>Roseline J. Akinlade, Olubunmi L. Balogun, and Adekemi A. Obisesan</i>	24
Health of Soil Supporting Vegetable Cultivation in Peri-Urban Areas <i>R. P. Sharma, R. S. Singh, S. K. Singh, P. S. Naik, and B. Singh</i>	35
Variability of Resistance to <i>Cletus fuscescens</i> Walker (Coreidae: heteroptera) in Grain Amaranth Germplasm <i>A. O. Oke, T. I. Ofuya, and A. C. Odiyi</i>	48
Morphological Variation, Growth, and Yield of Tomato Plants Vegetatively Propagated by the Complete Decapitation Method <i>Masahumi Johkan, Masaki Ono, Hideyuki Tanaka, Hajime Furukawa, Takahiro Tezuka, and Masayuki Oda</i>	58
Germination Characteristics of Cucumber Influenced by Plant Growth-promoting Rhizobacteria <i>Jonathan S. Mangmang, Rosalind Deaker, and Gordon Rogers</i>	66
Vulnerable Groups' Involvement in Small-scale Vegetable Production: A Panacea for Poverty and Food Insecurity? <i>D. O. Torimiro, N. T. Tselaelese, K. Seven, M. V. Ramorathudi, and K. Hulela</i>	76
Exploitation of Nematicidal Potential of <i>Paecilomyces lilacinus</i> against Root Knot Nematode on Eggplant <i>Huma Abbas, Nazir Javed, Sajid Aleem Khan, Muhammad Kamran, and Muhammad Atiq</i>	85
Irrigation Technology and Technical and Resource-Use Efficiencies in Smallholder Urban Vegetable Farming <i>Oluwakemi Adeola Obayelu, Abiodun Elijah Obayelu, and Zainab Aina Usman</i>	91
Okra Leaf Growth, Fruit Set, and Harvesting Duration With Cultivar and Sowing Date <i>A. W. Salau and E. A. Makinde</i>	101

Volume 22 Number 2 2016

The Editor's Field – Discussion (dis-kush'en) <i>Vincent M. Russo</i>	113
Amendments for Cultivation of Oyster Mushroom in Boxes or Plastic Bags <i>N. Salmalian, Gh. Peyvast, and J.A. Olfati</i>	115

Factors Influencing Willingness to Pay for Organic Vegetables among Civil Servants in a Developing Country <i>F.P. Oyawole, D. Akerele, and A. O. Dipeolu</i>	121
Response of Cucumber Seedlings Fertilized with Fish Effluent to <i>Azospirillum brasilense</i> <i>Jonathan S. Mangmang, Rosalind Deaker, and Gordon Rogers</i>	129
<i>Amaranthus</i> Plant Nutrients and Soil Nutrient Dynamics with Cassava Peel Compost <i>Eyitayo A. Makinde</i>	141
Initial Household Assets and Profitability of Urban Farming <i>Kemisola Omorinre Adenegan, Olubunmi Lawrence Balogun, and Taibat Olukemi Yusuf</i>	153
Estimation of Environmental Pollutants in Vegetables <i>Aamir Alamgir, Moazzam Ali Khan, S. Shahid Shaukat, Shoaib Shahab, and Khalid Mahmood</i>	161
Heterosis in Pumpkin for Earliness, Yield, and Yield-Related Characters <i>N. A. Tamilselvi and P. Jansirani</i>	170
Fast and Accurate Screening of <i>Solanum melongena</i> with High-Resolution Melting Analysis for Resistance to Fusarium Wilt <i>Ioannis Ganopoulos, Aliko Xanthopoulou, Sotiris Konstantinou, George S. Karaoglanidis, Eleni Tsaliki, Apostolos Kalivas, and Panagiotis Madesis</i>	183
Productivity, Profitability, and Energy Consumption of Potato-Based Intercropping Systems <i>Raman Jeet Singh, Kamal Kumar Pande, Vijay Kumar Sachan, Naval Kishore Singh, Ram Prakash Sahu, and Medni Pratap Singh</i>	190
Genetic Relationships Among Melons Using RAPD Markers <i>Hamid Reza Karimi, Somayeh Bagheriyan, Majied Esmaelizadeh, and Ahmad Estaji</i>	200
In vitro Teasle Gourd Pollen Germination and Pollen Tube Development as Affected by Sucrose, Boric Acid, and Inorganic Salts <i>Abhishek Naik, Shirin Akhtar, Arup Chattopadhyay, Umesh Thapa, and Pranab Hazra</i>	209
 Volume 22 Number 3 2016	
The Editor's Field—"The trend is ..." <i>Vincent M. Russo</i>	217
Physiological Seed Quality of Melon as Affected by Fruit Ripeness <i>Acácio Figueiredo Neto, André Freire Cruz, Francisco de Assis Cardoso Almeida, Jucilayne Fernandes Vieira, and Míria Brenda Rodrigues</i>	219
Large Seed Watermelon Response in a Landrace to Selection for Seed Size <i>M. Adibian, J.A. Olfati, and S. Davoodi</i>	227
Do Rural Smallholder Farmers Subsidize Farm Investments With Non-farm Income? A Study of Vegetable Farmers <i>Mure U. Agbonlahor, Samuel A. Adewuyi, and Victoria O. Ogundairo</i>	231
Growth Enhancers to Mitigate Salinity Stress in <i>Vicia faba</i> <i>Helal Ragab Moussa and Mohamed Abd El-Fattah Hassan</i>	243
Market Potentials for Selected Organic Leafy Vegetables <i>Kemisola O. Adenegan and Razaq A. Fatai</i>	251

Consumer Purchasing Behavior for Tomatoes <i>I.B. Adeoye, O.O. Adegbite, A.E. Fashogbon, and A.A. Layade</i>	259
Flotation-Assisted Homogenous Liquid–Liquid Microextraction for Determination of Cadmium in Vegetables <i>Mostafa Khajeh, Farahnaz Saravani, Mansour Ghaffari-Moghaddam, and Mousa Bohlooli</i>	266
Fertilizer Rate on Growth, Yield, and Nutrient Concentration of Leafy Vegetables <i>B. A. Fonge, E. E. Bechem, and E. M. Awo</i>	274
Susceptibility of Okra Accessions to Root Knot Nematode <i>Ishola Segun Odeyemi, Steve Olaoluwa Afolami, and Forstina Tochi Oguejiofor</i>	289
Accession-Specific Effects of Repeated Harvesting Edible Cowpea Leaves on Leaf Yield, Stability, and Reliability <i>Severin Polreich, Heiko C. Becker, and Brigitte L. Maass</i>	295
Volume 22 Number 4 2016	
The Editor's Field – Regression/Correlation <i>Vincent M. Russo</i>	317
Consumer Awareness and Acceptance of Golden Sweet Melon <i>O. O. AdeOluwa and I. O. Amao</i>	319
Genetic Relationship Between Foliage Yield and its Biochemical Components in Vegetable Amaranth <i>Sudhir Shukla, K. K. Upadhyay, and B. K. Mishra</i>	322
Pesticide Risk Behavior and Knowledge of Chili and Tomato Farmers <i>Suwanna Praneetvatakul, Pepijn Schreinemachers, and Chaniga Laitae</i>	333
Reasons for Acceptance of Improved Potato Varieties by Smallholder Producers <i>Zerihun Nigussie, Getachew Alemayehu, Enyew Adgo, Yoseph Tewodros, and Bernhard Freyer</i>	346
Antioxidant Activity and Polyphenol Content of <i>Brassica oleracea</i> Varieties <i>Rohit Upadhyay, Sneha Sehwal, and Satyendra P. Singh</i>	353
Biologic Formulations but Not an Interrow Living Rye Ground Cover Reduced Incidence of Tomato Spotted Wilt Virus in Tomato <i>John F. Murphy, Tolulope Morawo, Tyler Monday, Jeekin Lau, Wheeler Foshee, and Henry Fadamiro</i>	364
Patterns and Challenges in Exotic Vegetables Marketing <i>S. O. Babalola, I. B. Adeoye, and O. O. Adegbite</i>	376
Standard Heterosis in <i>Cucurbita moschata</i> and <i>Cucurbita pepo</i> Interspecific Hybrids <i>S. Davoodi, J. A. Olfati, Y. Hamidoghli, and A. Sabouri</i>	383
Molecular Marker Linked to Number of Female Flowers per Node in Cucumber <i>S. A. Khasmakhi-Sabet, V. Abdousi, H. Samizadeh, and S. Kalatejari</i>	389
Cost and Benefit Analysis of Smallholder Pepper Production Systems <i>O. J. Ayodele, O. C. Ajewole, and E. O. Alabi</i>	402
Nutrient Management, Energy Input–Output, and Economic Analyses of Eggplant Production Under Subtropical Conditions <i>Kaushik Batabyal, Biswapati Mandal, and Gora Chand Hazra</i>	409

Volume 22 Number 5 2016

The Editor's Field – The hardest part of... <i>Vincent M. Russo</i>	421
Levels of Organochlorinated Pesticide Residues in Vegetables <i>Shweta Pathak, Hetal Solanki, Aarti Renuka, and Rahul Kundu</i>	423
Chilling Injury in Cucumber Seedlings Amelioration by Methyl Salicylate <i>Forough Seydpour and Mohammad Sayyari</i>	432
Heterosis Studies in Bitter Gourd <i>Mahamud Hossain Al-Mamun, Md. Harunur Rashid, Md. Nazim Uddin, Md. Rabiul Islam, and Md. Asaduzzaman</i>	442
Hydroponic Production of Low-Potassium Tomato Fruit for Dialysis Patients <i>Satoru Tsukagoshi, Eriko Hamano, Masaaki Hohjo, and Fumio Ikegami</i>	451
Plastic Roof Materials as They Affect Bell Pepper Production in High Tunnels <i>Carlos Zambrano-Vaca, Mercy Olmstead, Lincoln Zotarelli, Nathan Boyd, and Bielinski Santos</i>	461
Disease Severity Index as It Affects Responses in Potato Virus X–Challenged Potato Varieties <i>Misbah Iqbal Qamar, Yasir Iftikhar, Aamir Ali, Muhammad Irfan Ullah, and Mustansar Mubeen</i>	471
Genetic Diversity for Growth and Yield Traits in Bitter Gourd <i>Nivedita Gupta, M.L. Bhardwaj, S.P. Singh, and Sonia Sood</i>	480
Heterosis, Combining Ability, and Character Association in Bottle Gourd for Yield Attributes <i>K.G. Janaranjani, V. Kanthaswamy, and S. Ramesh Kumar</i>	490

Volume 22 Number 6 2016

The Editor's Field – Nurture <i>Vincent M. Russo</i>	517
Increasing Butterhead Lettuce Yield Using Organic Methods and Application of Arbuscular Mycorrhizal Fungi <i>Patai Charoonnart, Kanogwan Seraypheap, Supachitra Chadchawan, and Teerada Wangsomboondee</i>	520
Traders' Perceptions and Acceptability on Use of Linings for Improving Tomato Packaging in Wooden Crates <i>Carolin Kamrath, Srinivasulu Rajendran, Ngoni Nenguwo, and Victor Afari-Sefa</i>	530
Character Association and Path Analyses in Sweet Potato <i>Prarthana Mohanty, P. Ashok, K. Sasikala, and D. V. Swami</i>	541
Bed Height and Intra-row Spacing on Pepper Growth and Fruit Yield <i>A. W. Salau, E. A. Makinde, and O. O. Olubode</i>	555
Antioxidant Activity of Flower Buds of <i>Musa</i> spp. Sold and Consumed as Vegetables <i>Shashanka Sonowal, Manobjyoti Bordoloi, Rajib Gogoi, and Chandan Tamuly</i>	564

Analysis of Household Demand for Underutilized Indigenous Vegetables <i>Adeolu Babatunde Ayanwale, Christianah Abiodun Amusan, Victoria Adeyemi Adeyemo, and Durodoluwa Joseph Oyedele</i>	570
Assessment of Genetic Diversity in Bitter Gourd <i>Mudassar Iqbal, Muneeb Munawar, Muhammad Najeebullah, and Ahmad Din</i>	578
Genetic Analysis of Yield and Yield-Attributing Traits for High Temperature Resistance in Tomato <i>Uttam Bhattarai, Akashi Sharma, Ranjan Das, and Pranab Talukdar</i>	585