ISSN Print : 0970-8235 ISSN Online : 0973-5909

Potato Journal

51(2) July - December, 2024

Contents

Research Papers

1.	Gamma irradiation doses influences on instrumental colour analysis and sensory characteristics of Irish potatoes is varietal dependent – Victor Musitia, Heka Kamau, Miriam Kinyua and Ayua Emmanuel	129
2.	Impact of a local organic fertilizer on potato growth and production and soil properties – Bilel Khiari, Ameni Saidani, Saida Rahma Jaziri, Rafii Zarrouk and Naceur Djébali	140
3.	Effect of different irrigation frequencies and methods on performance of potato in North-Eastern Ghats of Odisha – Vytla Sravya, Triptesh Mondal, Rajesh Shriram Kalasare, Tanmoy Shankar and Dinkar J. Gaikwad	149
4.	Effect of integrated nutrient management on growth, yield and quality of potato (<i>Solanum tuberosum</i> L.) in Southern Odisha – Padala Surya Prakash, Tanmoy Shankar, Sitabhra Majumder, Suprava Nath, Triptesh Mondal and Goutam Kumar Dash	165
5.	Evaluation of some nano-fertilizers, biofertilizers and chemical fertilizers on potato variety sprit – Naser Sabaghnia and Mohsen Janmohammadi	177
6.	An efficient agrobacterium-mediated transformation method for potato c.v. Kufri Chandramukhi – Anupama Singh, Ankita Sharma, Hemant B. Kardille, Vinay Bhardwaj, Som Dutt and Brajesh Singh	185
7.	Evaluation of translaminar fungicides and their tank mixed application with economics for management of late blight of potato (<i>Phytophthora infestans</i>) in subtropical plains of India – Mehi Lal, Sorabh Chaudhary, Saurabh Yadav, Sanjeev Sharma, Manoj Kumar and SK Chakrabarti	192
8.	Degeneration of potato varieties due to virus incidence in North Gujarat – JK Patel, RN Patel, DM Zapadiya and SJ Vaghela	200

9.	bibliometric analysis – Abhijit Das, Sahin Aktar Munshi and Bikram Barman	208
10.	Evaluation of advanced potato (<i>Solanum tuberosum</i> L.) genotypes for salinity tolerance based on yield and agronomic traits – Vikas Mangal, S K Sanwal, Ashwani Kumar, Devendra Kumar, Babita Chaudhary, SK Luthra, VK Gupta, Salej Sood, Vinod Kumar and Brajesh Singh	220
11.	Performance of different mulching materials with fertilizer levels on morphological growth and yield of potato in the Central Plains of India – Bharti Choudhary, Rahul Dongre, Sandhya Bakode and VK Paradkar	235
Revi	iew Paper	
12.	Advancements in potato science: agronomy, genetics, and biotechnology for sustainable food security – Beenzu Siamalube, Esther Lambert,	244
۸ مادس	Chinedu Anyaji and Emmanuel Ehinmitan	244
ACKI	nowledgement to Reviewers (2024)	1