

Contents

International Journal of Agriculture, Environment and Biotechnology

VOL. 16, NO. 2, JUNE 2023

RESEARCH PAPERS

- Comparative Evaluation of Developmental Competence of Immature Cattle Oocytes in Three Different Culture Media 59
Pankaj Karmali, Sacchidananda Bera, Rajendar Menda, Vasim Shah, A. Santra and S.K. Das
- Development and Process Standardization of Functional Spread Using Sesame Seeds (*Sesamum indicum* L.), Pumpkin Seeds (*Cucurbita maxima*) and Sunflower Seeds (*Helianthus annuus*) and Storage Stability 65
Jhelum Devendrasinh Rajput and Sury Pratap Singh
- Green Economy Challenges and Feasible Opportunities of the Mountainous state Uttarakhand in India 73
Shilpa Yadav and Vinod Kumar Yadav
- Assessment of Avoidable Losses due to Insect-pests in Staggered Sown Okra, *Abelmoschus esculentus* (L.) Moench Crop 77
K.N. Pateliya and C.J. Patel
- Industry 4.0 Concepts in Pest Management 81
R.K. Gokulakrishnaa and Selvamuthukumaran Thirunavukkarasu
- A Study on Constraints Faced by Rural Community in Implementation of *Swachh Bharat Mission* in Hadoti Region of Rajasthan 95
Vinay Kumar Singh and Dheerendra Kumar
- Optimization of Process Parameters for Quick Cooking Rice 101
Sivala Kumar and Preeti Pande
- Effect of Weed Management Practices on Growth and Yield of Sesame (*Sesamum indicum* L.) 105
G.S. Bhaumik, R.S. Singh and Debashish Sen
- Milling Qualities of Some Local Varieties of Paddy 113
Sivala Kumar, Korla Harshavardhan, Kranthi Sameera, Y., Srinivas Raju, K. and Sri Charan, B.

REVIEW PAPERS

- Biofertilizer – A Key Player in Enhancing Soil Fertility and Agricultural Sustainability 121
Nirali Ranipa, Khyati Harkhani and Anish Kumar Sharma
- A Deep Insight into Physiological Disorders of Mango (*Mangifera indica L.*)- A Review 135
Poonam Maurya, Vinay Kumar, Shikha Jain, Amulya, S., Shubham Jagga, Bhargav Kiran, Anju Jayachandran and Kiran Kothiyal
- Application of *Ampellomyces quisqualis* and some Non-Chemical Measures for Managing Powdery Mildew Disease: A Review 149
Kishor Chand Kumhar, Dalvinder Pal Singh, Bajrang Lal Sharma, Anil Kumar, Sam Nirmala Nisha and Azariah Babu