TABLE OF CONTENTS

i	Editorial and Table of Contents	i-v
1	Agri-Aqua Fusion: Sustainable Integration of Fish Farming and Agriculture Ruksar, Tejpal Dahiya, Priyanka Joshi, Abhimanyu and Tannu Goyal	1
2	Galacto-Oligosaccharides: A Promising Functional Prebiotic Chandhni P. R and Lakshmipriya P. R.	6
3	Cellular Time Keepers: Sirtuins as The Aging Clock of Health Bhavana A., Usha Ravindra and Mamatha H. S.	8
4	Balancing Act: Economic Prosperity and Environmental Health in the 21st Century Shalini Suman, Anjali Juyal and Hemu Rathore	11
5	From Struggles to Success: The Inspiring Journey of Mr. Pratik Gulande's Disease Free Citrus Nursery Deepa Lal, Jayashree Khobragade and Rakesh Singh	14
6	Advances in Guava Micropropagation Parita P. Barvaliya and Hemangini A. Chaudhari	16
7	Impact, Sources, and Mitigation Strategies of PAHs in Food Vidhi Dhanda and Deepika Bamal	19
8	Success Story on IPDM Practices in HDPS Cotton For Higher Profits T. Prabhakar Reddy, O. Shaila, R. Raghuvaran Singh, B. Rajashekar, Adhi Shankar, K. Ramakrishna, E. Jyoshna, M. Malla Reddy and N. Lavanya	21
9	Potentials and Utilization of Water Resources in India: An Overview Gangadhar K., Madhu D. M., Nandini K. S. and Hemavathi K.	24
10	Importance of Pumpkin (Cucurbita Pepo) and It's Pest Management Naina Pandey and Harpal Singh Randhawa	30
11	Value-added Products from mango kernel flour for Food Security and Sustainable Development Nile Shubhangi Gorakhnath, Swapnaja Jadhav and Nile Hemlata Gorahnath	33
12	Lac Production in India: An Overview Lal Bahadur Singh, Naveen and Mitesh Makwana	35
13	Unveiling the Potential of Moringa: An underutilized Horticultural Gem in India Lakshmipriya P. R., Chandhni P. R., Parameswari P. L. and Malavika Manoj	39
14	Diversity of Plant Parasitic nematode Genus associated with vegetable crops in Kammapuram block of Cuddalore district, Tamil Nadu K. Senthamizh, V. Vijayageetha, K. Kalpana, S. Suganya kanna and J. Rajangam	41
15	Osmotic Dehydration with Low-Calorie Sweeteners: Fruit Preservation for Generation Z Ranjani M., Gouthami Shivaswamy, Abarna S. and Shalini Gaur Rudra	45

16	Tubers - A Future Food Security Crops	50
	Vanishree S., Renuka Biradar and Aravind Rathod	
17	Integrated Weed Management in Minor Millets	53
	Prakasha G., Shivashenkaramurthy M., Heena M.S., Veena C. and Majeed G.	
18	Manjula Self Help Group's Triumph: Vegetable Momos -A	57
	Profitable Business	
	Deepa Lal, Jayashree Khobragade and Rakesh Kumar Singh	
19	Newly Registered Bovine Breeds of India	60
	Sarath Kumar T and Aseem Tara	
20	Success Story - Integrated Farming Superseded Rice-Wheat at	64
	Indo-Pak Border Village from a Farm Women	
	Piverjeet Kaur Dhillon and Suresh Kumar	
21	Potential Use of Biochar-Based Fertilizer in Fruit Orchards	66
	Kavita Kumari Thakur and Shashi Kumar Sharma	
22	Empowering Farmers: Essential Guidelines for Propagation	69
	and Planting in Commercial Tropical Tuber Cultivation	
	Biswajit Behera, M. Sarkar, Sweta Mishra and V. G. Prajapati	
23	Artificial Intelligence Applications on Sustainable Growth of	73
	Aquaculture	
	Narendra Kumar Maurya, Amogha K. R., Bhooleshwari, Shiwam Dubey,	
	Suryawanshi Umesh Arun, Jyoti Ganachari and Gopika Suresh Babu	
24	Factors Effecting Oil Palm Prices in India	78
	Shaik Muneer	
25	Oligonucleotide Mediated Mutagenesis	80
	Choudhari A. K., Kalpande H.V. and More A. W.	