

# NEW ERA AGRICULTURE MAGAZINE

VOLUME 02, ISSUE 09, FEBRUARY - 2024

## CONTENTS

S. NO	TITLES & AUTHORS	PAGE NO.
1	<b>Soil amendments and benefits</b> Nishu Singh, Sooraj Singh, Priyanka Yadav, Vikas Kumar	1-4
2	<b>Agroforestry: is a boon and good tactics for farmers</b> Nootank Shekhar Mishra, S. K. Verma, Bipin Singh	5-14
3	<b>Aiming towards Sustainable Agricultural Health</b> Gaurav Mahajan and Shikha Sharma	15-18
4	<b>Major Diseases of Brinjal and their Management</b> Shefali Chaudhary, Dr. Sandeep Kumar and Dr. Aastik Jha	19-24
5	<b>Population Biology of Plant Pathogens: The Synthesis of Plant Disease Epidemiology and Population Genetics</b> Vineeth M, MD Thabrez	25-30
6	<b>Nutritive, Preservation, and Packaging of Eggs and Egg Products</b> Sanjana M. A., Prasad M. G. and Jagannatha Rao	31-33
7	<b>"Digital Farming: Revolutionizing Agriculture for Sustainable Future"</b> Miss. Tejasri Dahiphle	34-35
8	<b>Sustainable Solutions: Managing Effluent from Abattoirs</b> Manoj, H. S., Prasad M. G. and Jagannatha Rao	36-44
9	<b>Fresh and Safe: Best Strategies for Food Safety in Horticultural Produce</b> Rohit Kumar, Sandeep Gautam, Dharmendra Kumar Ram and Manoj Kumar	45-48
10	<b>FPOs in Agriculture: Cultivating Empowering Networks - A Boon for Rural India</b> Badri Lal Nagar, Anand Milan, Hradesh Shivhare, Deepanshu, Pravesh Kumar	49-52
11	<b>Unearthing Entrepreneurial Opportunities in Horticulture Crops: Cultivating Success in a Growing Industry</b> Badri Lal Nagar, Anand Milan, Hradesh Shivhare, Mritunjay Rai, Lalu Prasad	53-57
12	<b>Agricultural Research Information System (ARIS)</b> E. Jeevana Sai, Dr. Rajeev, M. Siyon Kumari	58-60
13	<b>Integrated farming system in India: scope and future scenarios in changing agricultural dynamics.</b> Adarsh Kumar Meena, Sanjeev Kumar, Deepa Pandey and Vikas Yadav	61-64
14	<b>ON-FARM GRADING OF FRUITS FOR VALUE ADDITION</b> Dr. Deepali Chauhan	65-66
15	<b>Optimizing Post-Harvest Technology: Innovation and best Practices for preserving crop quality</b> Jagrati Pathak, Dr. Priya Awasthi, Dr. Vaishali Gangwar, Akash Mishra, Vijay Kumar Maurya	67-71
16	<b>PLANTING TOMATOES IN THE GREENHOUSE</b> Badri Lal Nagar and Homeshvari	72-74
17	<b>Combatting Pollen Allergies: Insights into Causes and Management Strategies</b> Yadunandan Verma, Vivek Kumar Kujur, Bharti Singh, Naresh Kumar Sahu	75-77

18	<b>SMART APP: A WAY TO IMPROVE FARMERS' ABILITY</b> Miss. Dahiphe Tejashri. P.	78-82
19	<b>Unlocking the Potential of Molecular Marker Technology for Fruit Crop Improvement</b> Homeshvari and Badri Lal Nagar	83-89
20	<b>Weed management in Kharif crops</b> Sooraj Singh, Arpit Yadav, Nishu Singh, Vivek Kumar Yadav	90-92
21	<b>Thrips As Vector of Tospovirus</b> Jyoti Sharma, Roshan Pancholi and Vinod Kumar, Dr. V. C. Gadhya	93-98
22	<b>NAVIGATING THE EVOLVING LANDSCAPE OF AGRICULTURAL MARKETING</b> Dr. Randhir Yadav and Aditya Bhooshan Srivastava	99-100
23	<b>CRISPR/Cas9: Utilising CRISPR/Cas9 to Enhance Crop Quality</b> Komal Choudhary and Sanju Choudhary Arti sharma	101-108
24	<b>Application of Aquaponic Technology</b> Rahmat Gul Hassanzai and Abhishek Singh	109-113
25	<b>Insecticide residues: A novel tool for forensic entomotoxicology</b> Narne Kavya, J.P Purwar, Sapna, Mood Suguna	114-116
26	<b>The Science of Preserving and Processing of Milk</b> Gagandeep B. C., Prasad M. G. and Jagannatha Rao	117-125
27	<b>PRODUCTION TECHNOLOGY OF GRAPES</b> Vishal Tiwari, Chahak Tandon, Nainsi, Vivek Kumar Yadav, Durga Kumari	126-132
28	<b>AZOLLA: A wonder fern for feeding livestock</b> Priyanka Chand, Dr. D.V Singh	133-135
29	<b>THE POWER OF CARBON: SUPERCHARGING GREENHOUSE PRODUCTIVITY WITH CO<sub>2</sub> ENRICHMENT</b> Rutuja N. Deshmukh, Shrikant G. Wankhade and Pramod M. Lalge	136-138
30	<b>Association Mapping: a powerful tool for crop improvement</b> Javed, Jainendra Pratap, Aman Srivastava, Anamish Tyagi, Sonali Srivastava, Raja Bhaiya	139-144
31	<b>High density planting in Aonla</b> Dhirendra Rajpoot , Mahima Sanodiya ,Prabhanshu Mishra	145-149
32	<b>Nanotechnology in Packaging: Advancing the Frontiers of Food Safety and Sustainability</b> Suvidha P. Kulkarni, Abhilasha B. Shingote and Dr. Anil Sheshrao Ghorband	150-157
33	<b>Plasma Processing: Advanced Sustainable Practices in Agri-Food Processing</b> Dr. Anil Sheshrao Ghorband, Anita M. Laghulkar and Kailas V. Yewale	158-167
34	<b>QTL Mapping in crop improvement</b> Raja Bhaiya, Aman Srivastava, Sonali Srivastava, Anamish Tyagi, Jainendra Pratap, Javed	168-171
35	<b>Mastering Calf Management: Guiding the Journey from Birth to Profit</b> Prasad M. G.	172-176
36	<b>Maximizing Food Potential: Understanding the Importance of Post-Harvest Management</b> Shubham Gangwar, Priya Awasthi, Rohit Kumar, Amit Kumar, Durga Kumari	177-180
37	<b>Orchestrating Plant Growth: A Deep Dive into Plant Growth Regulators</b> Badri Lal Nagar, Anand Milan, Hradesh Shiyhare, Deepanshu <sup>3</sup> , Angita	181-184
38	<b>Stubble Waste Management</b> Satinder Singh, Suman, Rahul Kamboj	185-187

## Hindi Articles

1	उर्वरकों का संतुलित उपयोग: फसल उत्पादकता और मिट्टी की गुणवत्ता को बनाये रखने की कुंजी भावना सहारन, आस्था पांडे, रवि कुमार रिघारिया	1-5
2	स्वास्थ्य हेतु पोषण डॉ दीपाली चौहान (गृह वैज्ञानिक)	6-8
3	कमलम फल (ड्रैगन फ्रूट) लाभदायक औषधीय गुणों से भरपूर अजय सिंह, गूंजा ठाकुर, काजल साहू	9-10
4	स्ट्राबेरी में लगने वाले प्रमुख रोग तथा उनका प्रबंधन शेफाली चौधरी, डॉ संदीप कुमार, डॉ आस्तिक झा	11-16
5	नवजात शिशु हेतु कम लागत के पूरक आहार डॉ दीपाली चौहान	17-20
6	जैविक खेती का प्रमुख आधार ट्राइकोडर्मा तथा इसके प्रयोग की विधि एवं लाभ डॉ संदीप कुमार, शेफाली चौधरी, डॉ आस्तिक झा	21-23
7	कृषि और बागवानी में ट्राइकोडर्मा के चमत्कारिक फायदे डॉ संदीप कुमार, शेफाली चौधरी, डॉ आस्तिक झा	24-26
8	गृहवाटिका - एक स्वस्थ परिवार के लिए एक महत्वपूर्ण संसाधन पूर्णिमा सिंह सिकरवार	27-29
9	धान की फसल में कीट व रोग दुर्गेश यादव, डॉ. विशुद्धा नंद, अविनेश यादव	30-34
10	धान में लगने वाले प्रमुख कीट एवं नियंत्रण के उपाय दुर्गेश यादव, डॉ. विशुद्धा नंद, प्रदीप शर्मा	35-39
11	ग्रीष्मकालीन मूँग की उन्नत खेती शिवम प्रताप	40-45
12	सरसों में लगने वाले प्रमुख कीटों का एकीकृत नाशीजीव तकनीकी द्वारा प्रबंधन प्रियांशी कमल, मो. याहया, डॉ. समीर कुमार सिंह, डॉ. कमल रवि शर्मा	46-51

<https://neweraagriculture.com/>