

NEW ERA AGRICULTURE MAGAZINE

VOLUME 02, ISSUE 03, AUGUST - 2023

CONTENTS

S. NO	TITLES & AUTHORS	PAGE NO.
1	Advances in crop improvement of Cucumber Deepak, Budhesh Pratap Singh, Etalesh Goutam, Monalisa Panda, Lalu Prasad	1-6
2	Agathi – an underutilized vegetable Abeer Ali, Md Zeeshan Qaiser, Bijay Kumar Baidya, Takle SR	7-10
3	Agri-tech Startup in India Opportunity & Challenges Ankit Kumar Maurya, Dr. Rahul Kumar Rai, Satyendra Verma	11-18
4	Uses of Biofertilizer, and it's Application Ashutosh kumar, Prof. Brajesh kumar and Rupesh Tripathi	19-21
5	The place of the mushroom in the vegetable kingdom Ashutosh kumar, Prof. Brajesh kumar and Nanneet Rai	22-26
6	Clean milk production and it's importance B.V. Vivekananda Reddy, T. Mounika, Bidyut Prava Mishra	27-30
7	Unveiling the Power of Sanitizers: From Disinfection to Sterilization Prasad M. G.	31-37
8	Bitter gourd varieties are salient features. Ramesh Rajbhar, C.N. Ram, Lalu prasad, Ajeet kumar, Suraj luthra, Rakesh kumar	38-40
9	Family Bonds: Effective Communication Strategies for a Stronger Connection Dr. Pragati Saxena	41-43
10	The Future Farming: Hydroponics Naveen Kumar Tulluru, Deepak, Lalu Prasad, Ms. M. Ayisha Sidhika, Rakesh Kumar	44-48
11	Scientific cultivation of kiwi Nikhil Gupta, Razauddin, Ramesh Rajbhar, Hradesh Shivhare	49-53
12	Krishi Vigyan Kendras (KVKs) in India: Empowering Farmers for a Sustainable Future Prashish Singh, Kalyan Ghadei and Priyanka Roy	54-59
13	Management of external parasites in sheep and goat B.V. Vivekananda Reddy, T. Mounika, Bidyut Prava Mishra	60-64
14	Mechanism and functions of plant growth hormones in vegetable production Shailendra Kumar, Shubham Kumar, Vipin and Nikhil Kumar Singh	65-68
15	Major insect- pest of cucurbitaceous crops and their management Ramesh Rajbhar, Naveen Kumar Tulluru, Pramod B S, Kishor kumar G K, Vidushi, Ajeet Kumar	69-75
16	Mastering Meal Prep: A Guide to Effortless and Nutritious Eating Dr. Pragati Saxena	76-79
17	Chironji (<i>Buchanania lanza</i> Spreng.): A Vulnerable Multipurpose Tree Species Bhupendra Singh and Aditya Kumar Jayant	80-84

18	The Role of Precision Agriculture for Sustainability and Environmental Protection Ragni Kumari chandrvanshi and Abhijeet Kuderiya	85-89
19	SMART Farming Using IoT and AI: Revolutionizing Agriculture for a Sustainable Future Arpit Chopra, Arvind Kumar Singh, Somdutt Tripathi	90-94
20	Prospects of Using Maize for the Production of Ethanol: A Biofuel Gaurav Mahajan and Shikha Sharma	95-97
21	The Importance of Improving Agricultural Production Through The Agricultural Cooperatives Society In India Abhijeet Kuderiya and Ragni Kumari chandrvanshi	98-101
22	NICRA: Fortifying Agricultural Resilience through Innovation Manju Prem S., Jayalekshmi G., Mohanraj M. and Sneha M. A.	102-105
23	Flower business, a profitable venture and emerging tool of women empowerment Purnima Singh Sikarwar	106-110
24	Organic farming and its current scenario in India M. Veerendra, G. Janaki Ram	111-114
25	SANDA Method in Rice (Double Transplanting) Rishi Kumar Yadava and Neeraj Kumar	115-121
26	Yam Bean– an underutilized Bean Amina Shukoor, Bhavesh Verma, Shyam Prakash, Hradesh Shiyhare	122-128
27	Soil Health Management and Sustainability Sangya Payasi and Vikas Tiwari	129-135
28	Moisture conservation and its efficient utilization S. Sharma and S. Thakur	136-140
29	Weed Management Practices for Sustainable Optimization Vikas Tiwari, Sangya Payasi and Prince Kumar	141-144
30	Artificial intelligence in agriculture Burla Venkatakrishna	145-147
31	Pruning and Training Techniques for Drumstick Trees: Enhancing Growth and Yield Dharmendra Bahadur Singh, Rajat Kumar Maurya and Lav Kumar	148-151
32	Government Efforts on Improving, Empowering and Stabilizing Natural Farming by Centrally Sponsored Scheme Baldev Singh	152-157
33	Exploring the Benefits of Crop Rotation in Enhancing Soil Fertility Radha Morya, Rahul Morya & Arvind Kumar Singh	158-163
34	Role of plant growth regulators in Cucurbits Naveen Kumar Tulluru, Vidushi, Monalisa Panda and Deepak	164-166
35	The Role of Cover Crops in Enhancing Soil Health and Biodiversity Radha Morya, Rahul Morya & Arvind Kumar Singh	167-172
36	Scientific cultivation of pea Hradesh Shiyhare, CN Ram, Shyam Prakash Suraj Luthra, Ramesh Rajbhar	173-175
37	Acceptability of IoT device in pomegranate crop Bhatiya Montu and Snehal Mishra	176-179
38	Innovative Irrigation Technologies for Water-Efficient Agriculture Radha Morya, Rahul Morya & Arvind Kumar Singh	180-185
39	Leveraging Black Soldier Fly Larvae as Poultry Feed: A Sustainable and Nutrient-Rich Solution JYOTHSI S	186-189
40	Effect of fertilizer subsidy on agriculture Samir Bhadani and Snehal Mishra	190-193

41	The Role of Mycorrhizal Fungi in Enhancing Nutrient Uptake in Plants Radha Morya, Rahul Morya & Arvind Kumar Singh	194-199
42	Wastewater Management in Rural India: Sustainable Solutions for a Cleaner Future Chahak Tandon, Vishal Tiwari, Alok Kumar, Ramesh Rajbhar	200-208
43	Disease, Insect - Pest and their management in Tomato Kishorkumar GK, Priyanka Rajbhar, Yogesh M, Badri Lal Nagar, Homeshvari	209-213
44	Uncovering and managing antibiotic residues in milk and milk products Prasad M. Govindaiah, Balaji M. Belore and Rushikesh Borse	214-221
45	Strawberry a profitable crop for urban area farmers Harish Chandra Yadav, Anand Singh, Saurabh, Siddharth Kumar and Puspendra	222-228
46	Scope of dry land horticulture in Bundelkhand region Harish Chandra Yadav, Anand Singh, Saurabh, Aayushi Yadav and Pushpendra	229-235
47	Edible Coating for Improving Quality and Shelf Life of Fresh Fruits and Vegetables Shubham Gangwar, Priya Awasthi, Vigya Mishra, and Rohit Kumar	236-239
48	Scientific cultivation of potato R. Suriya, Dr. Namrata Kashyap, Kishorkumar G K, Budhesh Pratap Singh, Badri lal nagar	240-243
49	Organic Farming: Provide Healthy Food for Healthy Nation Abhay Tiwari, Dharmendra Kumar Gautam, Alka Yadav, Prashant Kumar, Abhiraj Verma and Seetendra Singh	244-246
50	Nano Urea: Best Fertilizer for our Agricultural Crops & Plants Jitendra Yadav, Anjali Bhardwaj and Vipin Kumar Yadav	247-249
51	Integrated Farming Systems: A Sustainable and Profitable Approach for Small and Marginal Farmers Neha Kumari	250-256
52	Understanding Climate Smart Agriculture to meet the Challenges of Climate Change and National Food Security Neha Kumari	257-263
53	Indian Wine Industry: Prospects and Challenges Viraj Shekhaliya and Snehal Mishra	264-268
54	Exploring the Potential of Youth in Dairy Farming: A Start-up Outlook Bikram Barman, Girish C E, Upali Kisku	269-272
55	Value Addition: To Minimize the Post-Harvest Losses of Horticultural Crops Shankar Rajpoot ¹ , Rohit Kumar ¹ Shubham Gangwar ¹ , and Sandeep Gautam ²	273-276
56	The Role of Functional Foods Supplements in Human Body Rohit Kumar ¹ , Shubham Gangwar ¹ , Shankar Rajpoot ¹ , Sandeep Gautam ² and Sachin Kumar Verma ²	277-279
57	Effect of Pruning and Ethrel Treatment in Cucumber (<i>Cucumis sativus</i>) Deepanshu, Urmi Fatmi, Abhiranjan Kumar and Ayushman	280-284

Hindi Articles

1	मौसम के बदलते परिवेश में अरहर की सफल खेती Madhuri Arya	1-6
2	भारतीय कृषि में आने वाली समस्याएँ और उनके समाधान के लिये सम्भावित उपाय मोनिका कुमारवत कृषि स्नातकोत्तर छात्रा, डॉ. भीमराव अम्बेडकर विश्वविद्यालय, आगरा	7-8
3	गृहवाटिका हेतु फसल चक्र डॉ. दीपाली चौहान	9-12

4	भारतीय कृषि में कृषि बाजारों के नए दृष्टिकोणः संगठित खेती उत्पादों का प्रोत्साहन अंजलि पांडे, सोमदत्त त्रिपाठी, अलोक कुमार पांडे, गोविन्द यादव	13-16
5	आत्मनिर्भर भारत की दिशा में लघु कुटीर उद्योगों का महत्व डा० दीपाली चौहान	17-20
6	मेथी की वैज्ञानिक खेती शैलेन्द्र कुमार, मोनालिसा पांडा, नरेन्द्र कुमार, लालू प्रसाद, बद्री लाल नागर	21-23
7	जैविक खेती रजनीष कुमार अवस्थी, हिमांशु कुमार गुप्ता, डॉ० अजय कुमार, डॉ० अजय कुमार, चमन पाण्डेय, विनीत कुमार एवं यादव	24-27
8	रजनीगंधा की वैज्ञानिक खेती राकेश कुमार, मोनालिसा पांडा, लालू प्रसाद, सूरज लूथरा, कु० पूजा फर्त्याल	28-31
9	धान की सीधी बुआई (डीएसआर) क्यों ? रिंकू कुमार, अरुण कुमार, मोनू कुमार	32-36
10	मशरूमः- (एक संक्षिप्त परिचय) प्रो ब्रजेश कुमार, विशाल यादव, आशुतोष कुमार	37-41
11	मोटे अनाजों का संक्षिप्त परिचय एवं उनके स्वास्थ्य लाभ जितेंद्र ओझा, उमा साह, सुमित कुमार शुक्ला, विकास मौर्य, अंजली पांडेय, निमिषा अवस्थी तथा विनय कुमार	42-46
12	मिर्च : समन्वित कीट प्रबंधन और निवारण जोनी कुमार, डा.भूपेन्द्र कुमार सिंह, अजीत पाण्डेय, सिद्धार्थ कुमार, पंकज कुमार	47-53

<https://neweraagriculture.com/>