

TABLE OF CONTENTS

THE AGBIZ TODAY E-MAGAZINE

January Issue 2026

01

Recent Advances in Vegetable Breeding in India: Challenges and Prospects

M. Kabilan

02

Climate-Resilient Agriculture in Dimoria Block, Assam: Integrating Indigenous Knowledge and Modern Innovations

Garima Bora¹ and Dr. Mrinal Kumar Das²

03

Orchard to Market: Applying Poter's Value Chain Framework to Mango Production in Himachal Pradesh.

Yashwant Singh^{1*}, Kartike Sharma¹, Kajal Sharma¹ and Rashmi Chaudhary².

04

From Space to Sustainability: How AI and Satellites Are Changing Environmental Monitoring

Paritosh Thakur and Sunil Jaswal

05

Agriculture 4.0: Redefining the Future of Farming and Agribusiness

Kajal Sharma¹, Kartike Sharma¹, Yashwant Singh¹, Kapil Kathuria²

06

Transforming fisheries and aquaculture: Applications of Genetics and Biotechnology for sustainable fisheries

SK. Imrana Begum

07

Transforming the Agri-Food Sector with Blockchain Technology: Opportunities, Challenges and Global Perspectives

Kartike Sharma^{1*}, Yashwant Singh¹, Kajal Sharma¹, Kapil Kathuria²

08

CLIMATE SMART AGRONOMY FOR THE 21ST CENTURY

Yaswanthi Vasamsetti¹, Makey Sri Chakra Naga Vardhan², Bunga Enosh², Kotla Likhitha²

09

Agricultural and Industrial Waste: Status and utilization across different sectors

Aayush¹ and Hukam Chand^{2*}

10

Forgotten Fertilizers: Repurposing India's Bio-Waste for Soil Superpowers

Abhishek Sharma¹, Pardeep Kumar², Muskan¹ and Kartick Mehra¹

11

A Holistic Approach to Food Safety and Traceability for Consumer Protection in India

Anjali

12

Globalization and Indian Agriculture: How the World is Changing Our Farms

Makey Sri Chakra Naga Vardhan¹, Saloni Patil¹

13

Integrating Traditional Knowledge with Modern Organic Farming Practices: A Pathway toward Sustainable Agriculture

Murtaza Ali Abdullah and Gulshan Kumar

14

The Rise and fall of Tea Industry in Colonial Kangra

Shivam Sharma¹ and Kishan Sharma ²

15

The Silent Contaminants: Plastic Pollution and Microplastics as Emerging Threats to Fisheries and Human Well-Being

Sunil Kumar¹, Monika Singh²

16

Impact of Faulty Waste Disposal Practices on Air, Water and Soil resources

Hukam Chand¹ , Tanvi Kapoor² and Tanvi Sharma³

17

Bioactive Phytochemicals and Nutritional Significance of Makhana (Euryale ferox): A Health Perspective systematic review

Anjali^{*1}, Kalpna singh²

Vegetable-Derived Nutraceuticals: Occurrence, Therapeutic Applications, and Role in Health and Nutritional Security

Shivanshu Bhalwal¹, Navneet Singh^{12*} and Dhirender¹

