

## ANNALS OF HORTICULTURE

Volume 13 (1)

June 2020

## CONTENTS

## RESEARCH/REVIEW PAPERS

1. Opportunities and Prospective of Integrated Development Of Horticulture:A Review. 1-8  
Dr R.S. Sengar and Varsha Rani
2. Bio Availability of Zinc in Crops for Ensuring Nutrition 9-13  
Reshu Chaudhary, Ashu Singh, Bijendra Singh, Prerna Singh, Pushpendra Kumar and Prerna Sharma
3. Nanotechnology in Agriculture and Food 14-24  
Jyoti Singh and R.S Sengar
4. Effect of plant growth regulators on yield and yield attributing characteristics of mango (*Mangifera indica* L.) cv. Dashehari 25-28  
Chandramukhi Sahu, Damendra Kumar Sahu
5. Correlation Coefficient And Path Analysis Studies In Diverse Garlic (*Allium Sativum* L.) Genotypes 29-33  
Umesh Kumar Thakur and Hem Raj Sharma
6. Development and characterization of heat tolerant genotypes in chilli (*Capsicum annuum* L.) 34-38  
Arpita Srivastava\*, Manisha Mangal and Banna Ram Parihar
7. Mean performance of the parents and hybrid in Table Pea (*Pisum sativum* var. Hortense L.) genotypes for the yield attributing traits. 39-44  
Archi Gupta, Bijendra Singh, Satya Prakash, Taru Dumi and Khushboo Sharma
8. Studies On Structural and Biological Aspects of Active Oxygen Donor Ligands Oxazolines and Iron Metal Complexes. 45-49  
Moni Verma & Mukti Verma
9. Effect of Organic Production Systems on Quality and Post harvest Performance of Tomato. 50-55  
Shiv Bhushan Verma, Naleeni Ramawat and Renu Yadav
10. Path analysis Studies for fruit yield and it's contributing traits in Cucumber (*Cucumis sativus* L.) 56-60  
Deepesh Keshari, Bijendra Singh, Rajat Singh, Manoj Kumar Singh, Satya Prakash L.K. Gangwar, Vaishali and Khursheed Alam

**11. Variability, Heritability and Genetic Advance for Yield and Yield Related Traits in tomato (*Solanum lycopersicum*).** 61-65

Vipin Kumar, Taru Dumi, Arvind Kumar, Archi Gupta And Uttam Kumar

**12. Effect Of A Novel Ayurvedic Preparation, Raj Nirvan Bati (Rnb), On Symptomatic Patients Of Covid-19.** 66-75

Raj Kumar, Sangh Mittra, Ramakant Yadav, Ramakant Rawat,  
Prashant Kumar Bajpai, Indra Kumar Sharma, Dharmendra Kumar, Arushi Kumar

**13. Successive and Profitability of Pruning in Canopy Management and High Density Planting in Guava orchard under Western Uttar Pradesh condition.** 76-81

Virendra Pal, Vipin Kumar And Sanat Kumar

**14. Role of Krishi Vigyan Kendra (KVK) in Skill Development of Rural Youth in Indian Agriculture.** 82-90

Nitu Kumari, S. K. Singh, Prakash Singh, Sashwati Mukherjee, Vinod K. Singh