

ANNALS OF BIOLOGY

Vol. 34, No. 1 (January-June 2018)

CONTENTS

Articles

- Isolation and Screening of Amylase Producing Bacterial Strains from Cafeteria Waste
–*Priyam Tyagi, Amit Kaushik, Vineet Kaswan and Aarti Sharma* ...1-3
- Micropropagation of *Stevia rebaudiana* Using Shoot Tip Explants – A Magical Sweetener and Medicinal Plant
–*Puneet Beniwal, Priyanka Siwach, Vijay S. Beniwal and Vikas Hooda* ...4-11
- Effect of Different Carbon Sources and Gelling Agents on *in vitro* Multiplication of *Aloe vera*
–*Shalima Sihag, Subhash Kajla, Anil K. Poonia and Joginder Singh Duhan* ...12-15
- Prospects of Zinc Solubilizing Bacteria as Biofertilizer to Promote Growth of Field Crops
–*Swati Sindhu, Ruchi Sharma, Jeniffer Christeena Masih and Sunita Suneja* ...16-23
- Selection of Temperature Stress Tolerance of *Rhizobium* Isolated from Root Nodules of Clusterbean [*Cyamopsis tetragonoloba* (L.) Taub.] Growing in Arid and Semi-arid Regions of Haryana, India
–*Subha Dhull1, Hardeep Singh Sheoran, Ridham Kakar and Rajesh Gera* ...24-27
- Effect of Chelators Amendment on Bioavailability of Heavy Metals in Fly Ash Contaminated Soil
–*Jaipal, Asha Gupta and N. R. Bishnoi* ...28-31
- Consequences of Hydraulic Loading Rate Change on Removal of Total Suspended Solids (TSSs) Using as Multigrade Multimedia Filter
–*Umashanker Sain and Narsi R. Bishnoi* ...32-34
- Assessment of Domestic Solid Waste (DSW) Management Practices in Rural Areas and Scope for Attaining and Sustaining the Scientific Solid Waste Management Mechanism
–*Naresh Kumar, Narsi R. Bishnoi, Subhash C. Kundu and Ashok Chauhan* ...35-39
- Effect of Integrated Nutrient Management on Growth and Yield of Wheat (*Triticum aestivum* L.)
–*Brij Mohan, Pradeep Kumar, Rajeev Kumar, Sandeep Kumar Yadav and Ram Achal Yadav* ...40-43
- Effect of Sulphydryl Compounds on Growth, Yield and Economics of Summer Greengram (*Vigna radiata* L.) under Moisture Stress Conditions
–*Soma Devi, P. T. Patel and K. M. Choudhary* ...44-48
- Effect of Planting Methods and Weed Management Practices on Dry Matter Accumulation in Different Parts of Greengram [*Vigna radiata* (L.) R. Wilczek] and its Productivity
–*Rekha Yadav, Satish Kumar, Anil Kumar Dhaka and Neeraj Kumar* ...49-54
- Morphological and Physiological Response of Different Rice Genotypes to Submergence Stress
–*Neeva Mahapatra, M. Kar and B. K. Hota* ...55-58
- Heterosis in Pearl Millet Hybrids under Hyper Arid Conditions
–*Balram Swami, Harsh V. S. Shekhawat, Heeralal Barupal and P. C. Gupta* ...59-61

Assessment of Genotype x Environment Interaction and Stability for Grain Yield and its Attributes in Pearl Millet – <i>Manoj Kumar and P. C. Gupta</i>	...62-65
Genetic Variability of Quality Traits in Recombinant Inbred Line Population Derived from Two Bread Wheat Cultivars HI 977 and HD 2329 – <i>U. Goutam, Prashsti, R. K. Gupta, R. Tiwari, S. Kukreja and A. Chaudhury</i>	...66-69
Heat Stress in Plants – <i>Bunty Sharma, Vivek K. Singh, R. K. Sheoran, N. K. Thakral and Anu Naruka</i>	...70-78
Efficacy of Insecticides/Botanicals against Ber Fruit Fly, <i>Carpomyia vesuviana</i> Costa on Ber – <i>Shivbhagvan, V. S. Acharya and Mukesh Sharma</i>	...79-83
A Comparative Assessment of the Effect of Chloride and Sulphate Salinity on the Chlorophyll at Different Growth Stages in <i>Albizzia lebbeck</i> (Linn.) Benth and <i>Leucaena leucocephala</i> (Lam.) de Wit. – <i>Raj Kumar, U. K. Varshney, Nirmala Rathee and Vivek Saini</i>	...84-87
Application of Biodegradable Aloe Vera Gel to Maintain the Quality and Longer Shelf Life of Tomato (<i>Solanum lycopersicum</i>) during Storage – <i>Jayanti Tokas, Pooja Yadav, Shikha Yashveer, Ruby Siwach and H. R. Singal</i>	...88-91
Post-harvest Morpho-physiological Changes in Tomato after Exogenous Application of Salicylic Acid – <i>Naresh Kumar, Praveen Kumar, Jayanti Tokas and H. R. Singal</i>	...92-94
Evaluation of the Effect of Nitrogen Fertigation on Tomato under Drip Irrigation – <i>Narender Kumar, R. K. Jhorar, Sanjay Kumar, Ram Prakash and Arvind</i>	...95-98
Costs and Returns Analysis of Paddy Cultivation by Traditional vs. DSR Method in Kaithal District of Haryana – <i>Ravinder Kumar, Rakesh Kumar, S. C. Batra, Ajit Singh Sangwan, Neeraj Chaudhary, Ishwer Singh and Kanishak Verma</i>	...99-102
Economic Analysis of Guar [<i>Cyamopsis tetragonoloba</i> (L.) Taub.] Production and Constraints Involved in Guar Production in Hisar – <i>Mohinder Singh, Ravinder Kumar, V. P. Luhach and Vikas Singh</i>	...103-106
Dietary Fibres, <i>in vitro</i> Protein, Total Lysine, Vitamin and Antioxidant Activity of Noodles Enriched with <i>Spirulina platensis</i> Powder – <i>Vatsala Saharan and Sudesh Jood</i>	...107-110