

---

# International Journal of Advanced Research in Biological Sciences

ISSN: 2348-8069

[www.ijarbs.com](http://www.ijarbs.com)

---

VOLUME: 4, ISSUE: 4 (APRIL- 2017)

## CONTENTS

S.No	Articles	Page No
1	Mycoflora associated with grain discolouration of common rice ( <i>Oryza sativa</i> L.) cultivars and their management Azher Mustafa and Muhammad Mohsan	1-5
2	Observation Trail for Clones Generated from Fuzz at Beles Sugar Development Project Shitahun Alemu, and Ashebir Gete	6-10
3	Study of <i>Candida albicans</i> & <i>Aspergillus fumigatus</i> Sensitization among Egyptian patients with allergic Bronchial Asthma Fawzia Hassan abo Ali, Osama M. Abdel Latif, Hoda Mohammed El Sayed, Radwa Hassan Abou El Fotoh.	11-21
4	A Comparative Study on Proximate and Antioxidant Activity of <i>Brassica oleracea</i> (Kale) and <i>Spinacea oleracea</i> (Spinach) Leaves Ayushi Agarwal, Nishtha Raj and Neelam Chaturvedi	22-29
5	Climate change and its effect on crop and livestock productivity: farmers' perception of Rajanpur, Pakistan Muhammad Ateeq Ur- Rehman, Naimatullah Hashmi, Badar Naseem Siddiqui, Aneela Afzal, Asma Zaffar, Khalid Masud, M. Rameez Akram Khan, Khawaja Muhammad Dawood and Syed Ali Asghar Shah	30-36
6	Assessment of disinfection by-products levels in Aga surface water plant and its distribution system, Dakhliya, Egypt Moustafa, I. Hassan; Ahmed S. Bream; Awaad, A.M. El-Sayed and Nader, A. M. Yousef	37-43
7	Approach to nutritional security potentials through home scale food process-fermentation. Ogori Akama.F	44-50
8	Genetic diversity assessment of tomato ( <i>Solanum lycopersicum</i> L.) germplasm based on agro-morphological traits. Saba Rashid, Qudsia Bano, Atif Akram	51-56

9	The Prevalence of Poultry Coccidiosis in Intensive Farm and Individual Small Holder Poultry Farm in Hawassa Town District Muluken Gebeyeh and Liuel Yizengaw	57-66
10	Review on Estrus Synchronization and Its Application in Cattle Liuel Yizengaw	67-76
11	Molecular identification and characterization of <i>Fusarium</i> spp. associated with wheat grains Mohamed A. Mahmoud and Shereen M. Shehata	77-87
12	Changes in nutrients content of Radish ( <i>Raphanus sativus</i> ) under copper toxicity. P.Vijayarengan and M.Christhu Uthayam	88-93
13	Mie Tyndal scattering of spheroidal RBC and WBC: T-matrix calculations Farkhanda F.Rzayeva, Arif M.Efendiyev, Nargiz Isayeva, Amirullah M.Mamedov	94-100
14	Happy seeder zero tillage equipment for sowing of wheat in standing rice stubbles Mazher Farid Iqbal, Muzzammil Hussain, Naeem Faisal, Javed Iqbal, Afif Ur Rehman, Maqsood Ahmad and Javed Akhtar Padyar	101-105
15	Importance of the Tomato as such as medical plant Hamid kheyrodin and Sadaf kheyrodin	106-115
16	Growth of <i>Chenopodium quiona</i> Wild under Naturally Salt Affected Soils Muhammad Arshad Ullah, Muhammad Suhaib, Raheel Baber, Malik Usama, Badar-uz-Zaman, Imdad Ali Mahmood and Syed Ishtiaq Hyder	116-119
17	Effect of <i>Hizikia fusiformis</i> extracts on reactive oxygen species mediated oxidative damage JaeYeol Baek, Sun-Young Lim	120-126
18	Effects of fatty acids, nutrients and whole body vibration on bone histomorphometry, mechanical properties and metabolic parameters in male rat Hossein Bahadoran, Soheila Salmasi, Mohammad Hassan Karimfar, Reza Shirazi, Mohammad Hossein Asadi, Mohammad Reza Naghii, Giti Torkaman, Mahmoud Mofid	127-137
19	Isolation, screening and identification of cyanobacteria and its uses in bioremediation of industrial effluents and chromium sorption Mayur Gahlout, Hiren prajapati, Poonam Chauhan, Leena Savande and Poonam Yadav	138-146
20	Isolation and screening of pyocyanin producing <i>Pseudomonas</i> spp. from soil Mayur Gahlout, Hiren Prajapati, Poonam Chauhan, Nilam Patel and Dhruvi Solanki	147-152
21	Investigation of phytochemical screening and antimicrobial activity of <i>Curcuma longa</i> Poonam Chauhan, Kruti Keni and Raxita Patel	153-163

22	Isolation and characterization of detergent degrading bacteria from soil Hiren Prajapati, Poonam Chauhan, Mayur Gahlout, Bijal patel and Hemangi Patel	164-168
23	Impact of Industrial effluents on Water Quality of Betwa River near Mandideep, Raisen Mohita Kulshrestha, Birjesh Singh and Subrata Pani	169-181
24	Effect of microbial inoculants on Growth and Yield of bhendi [ <i>Abelmoschus esculentus</i> (L.)Moench] in field trial. U.Sivagama sundari and A.Gandhi	182-188
25	Effect of addition trehalose and steps of freezing on sperm properties of bull frozen in liquid nitrogen. Qusay Mohammed Al-Badrany, Kreem Iwaid Al-Badry, Faris Faisal Ibrahim, Wafa'a Yeedam Lateef	189-200
26	Antifeedant activity of different solvent extracts of <i>Gliricidia sepium</i> against third instar larvae of <i>Helicoverpa armigera</i> (Hubner) (Lepidoptera : Noctuidae) Sajani Jose, and K. Sujatha	201-204