

CONTENTS:

1. **Silicon enhances the salt tolerance of two wheat cultivars through decreasing oxidative damage** 5 - 15
Amel ALAYAT, Zineddine BOUMEDRIS, Sana BENOSMANE, Amira ATAILIA, Nesrine HACINI
2. **Structure and diversity of phytoplankton community in the water of a saharan wetland's: case of oued righ, Algeria (Lella Fatma and Zerzaim Ponds)** 16 - 27
Meiada KHELLOU, Zahra RAZKALLAH, Aziz LAIFA, Mohammed LOUDIKI, Mountasser DOUMA and Moussa HOUHAMDI
3. **Carbendazim residues quantification in green lettuce by enzyme-linked immunosorbent assay** 28 - 32
Veronica TANASA, Madalina DOLTU, Dorin SORA, Radu I. TANASA, Narcisa BABEANU
4. **Influence of the addition of chamomile on the content of tannins in tea** 33 - 38
Anna MAKARENKO, Mariia VOROBETS, Iryna KONDRACHUK, Anastasiia SACHKO, Heorhii VOROBETS
5. **Compositional energy values, macro and trace elemental residues in the caridean species, *Macrobrachium macrobrachion* (HERKLOTS, 1851)** 39 - 46
Rasheed Olatunji MORUF, Mosunmola Florence AKINWUNMI
6. **Effects of *Bacillus amyloliquefaciens* culture concentrations on microbial load, physicochemical and sensory properties of “IRU”-type condiment from african yam bean (*Sphenostylis stenocarp*) seeds** 47 - 61
Pius Ifeanyi OKOLIE, Emilymary Chima OKOLIE, Sarah Abiola OGUNDIMU, Kudirat Aina AGBOOLA, Maureen Chinwe OJINNAKA
7. **Evaluation and comparison of groundwater vulnerability to pollution by the drastic and god methods: a case of wadi nil alluvial plain (Jijel, NE Algeria)** 62 - 75
Souhil MAHDID, Nabil CHABOUR, Taha - Hocine DEBIECHE, Abdelmalek DROUCHE, Faouzi ZAHI, Séverin PISTRE
8. **Quantitative research on the active component of silymarin in *Silybum Marianum* seed powder from various geographical areas** 76 - 81
Maria POROCHE - SERIȚAN, Mihaela JARCĂU, Narcisa Mihaela CORNEA
9. **Bioactive compounds and antioxidant activity of peripheral layers of soft wheat grown in Algeria during seed filling** 82 - 93
Souad SAIDANI, Mohamed ZAIRI, Samira MEZIANI, Lahouaria LABGA, Ghania TIBOURA, Noredine MENADI, Abassia DEMMOUCHE
10. **Preliminary phytochemical investigation and antioxidant potential of various extracts of dietary turnip (*Brassica Rapa L.*)** 94 - 106
Karima OULD YEROU, Fatima Zohra EL KADI, Khedoudja KANOUN, Hadj Mostefa KHELLADI, Hanane BENZAHIA, Sara BEKHTI
11. **Author instructions** **i - v**
12. **Subscription information** **vi**

