

**Turkish Journal of**  
**FOOD &**

**AGRICULTURE**  
**Sciences**



**TURJFAS**

e-ISSN:2687-3818

**YEAR: 2025**

**VOLUME: 7**

**ISSUE: 1**

**Turkish Journal of FOOD &  
AGRICULTURE  
Sciences**



**TURJFAS**



**T U R J F A S**

# **Turkish Journal of Food and Agriculture Sciences**

**Turk J Food Agric Sci**

*June*

**YEAR: 2025**

**VOLUME: 7**

**ISSUE: 1**

**e-ISSN2687-3818**

## CONTENTS

Research Articles	Page
1- Comparative insights into genomic variability and adaptation in the chloroplast genomes of <i>Salvia japonica</i> and <i>Salvia rosmarinus</i> Mehmet Alp FURAN	1-13
2- Effect of different doses of nitrogen on growth and yield of maize ( <i>Zea mays</i> ) in Bhadrapur, Jhapa Khem Raj GHIMIRE, Ravi ACHARYA	14-26
3- Molybdenum's role in enhancing cold stress tolerance of rocket plants Sultan DERE, Ali Yusuf KAYA	27-43
4- Efficacy of different chemical and botanical pesticides against rice Ear Head Bug ( <i>Leptocorisa acuta</i> Thunberg, Hemiptera: Alydidae) in rice Superzone, Nepal Jibisha POUDEL, Barsha NEUPANE, Swagat POUDEL	44-55
5- Optimization of organic and inorganic fertilizers on growth and yield of carrot ( <i>Daucus carota</i> L.) Md. Amirul Islam BABUL, Tatia BISWAS, Sorowardi HOSSAIN, Md. Habibur RAHMAN, M. Ashraful ISLAM	56-65
6- Digital soil mapping for soil fertility analysis: A case study of Rong Rural Municipality, Ilam, Nepal Riya POUDEL, Pawan Kumar YADAV, Abhishek BANIYA, Radhika BHARATI, Yatiraj PYAKUREL, Tulasha GAUTAM, Animesh KHADKA, Ravi ACHARYA	66-79
7- Changes in water-soluble vitamins and bioactive compounds of cranberry ( <i>Cornus mas</i> L.) nectar under different storage conditions Fatma MENZEK, Çetin KADAKAL, Pınar ŞENGÜN	80-91
8- Field efficacy of some insecticides against red pumpkin beetle ( <i>Aulacophora foveicollis</i> ) in seasonal summer squash Asmita TAMANG, Sailendra Rana MAGAR	92-102
9- Properties of shea butter and palm oil used for frying of plantain chips Raphael AKINRINLOLA, Olumide AKINRINLOLA, Esther BERNARD	103-112
10- Determination of the effects of different pretreatments and modified atmosphere packaging on the storage of dried persimmon Enes YILMAZ, Fatih ŞEN	113-126
11- Comparative bio-efficacy of botanical and chemical pesticides against leaf-eating caterpillars ( <i>Artora chorista</i> Jordan) in large cardamom fields of Bhojpur Tika BHANDARI, Dipesh Kumar MEHATA, Savyata ACHARYA, Riya POUDEL, Sudikshya NEPAL, Daurik Lal PANDIT, Sova YADAV, Saurabh TRIPATHI, Sulok POKHREL, Bijay GHIMIRE	127-137