

# CONTENTS

Potential of <i>Moringa oleifera</i> L. as livestock fodder crop: a review.....	1
W. NOUMAN, S. M. A. BASRA, M. T. SIDDIQUI, A. YASMEEN, T. GULL, M. A. C. ALCAYDE	
Utilization of related wild species ( <i>Echinacea purpurea</i> ) for genetic enhancement of cultivated sunflower ( <i>Helianthus annuus</i> L.).....	15
R. VASSILEVSKA-IVANOVA, B. KRAPTCHEV, I. STANCHEVA, M. GENEVA, I. ILIEV, G. GEORGIEV	
Effects of different organic materials on forage yield and quality of silage maize ( <i>Zea mays</i> L.).....	23
R. İ. NAZLI, A. KUŞVURAN, İ. İNAL, A. DEMİRBAŞ, V. TANSI	
Transferability of SSR markers from distantly related legumes to <i>Glycyrrhiza</i> species .....	32
M. ERAYMAN, E. İLHAN, Y. GÜZEL, A. H. EREN	
<i>Xanthium strumarium</i> L. impact on corn yield and yield components .....	39
Z. HUSSAIN, K. B. MARWAT, J. CARDINA, I. A. KHAN	
Use of N and P biofertilizers reduces inorganic phosphorus application and increases nutrient uptake, yield, and seed quality of chickpea.....	47
M. UDDIN, S. HUSSAIN, M. M. A. KHAN, N. HASHMI, M. IDREES, M. NAEEM, T. A. DAR	
Oxidative stress and antioxidant defense mechanism in mung bean seedlings after lead and cadmium treatments .....	55
M. HASSAN, S. MANSOOR	
Variation in soil C and microbial functions across tree canopy projection and open grassland microenvironments.....	62
R. LAI, A. LAGOMARSINO, L. LEDDA, P. P. ROGGERO	
Extractability and phytoavailability of cadmium in Cd-rich pedogenic soils.....	70
K. ÖZBEK, N. CEBEL, İ. ÜNVER	
Long-term water balance of a bare soil with slope in Chuncheon, South Korea.....	80
M. AYDIN, Y.-S. JUNG, J. E. YANG, H. LEE	
Using plant extracts to reduce asexual reproduction of apple scab ( <i>Venturia inaequalis</i> ) .....	91
J. BÁLINT, S. NAGY, R. THIESZ, I.-I. NYÁRÁDI, A. BALOG	
Investigating internal bacteria of <i>Spodoptera littoralis</i> (Boisd.) (Lepidoptera: Noctuidae) larvae and some <i>Bacillus</i> strains as biocontrol agents.....	99
F. ÖZKAN ÇAKICI, A. SEVİM, Z. DEMİRBAĞ, İ. DEMİR	
Artificial neural networks in online semiautomated pest discriminability: an applied case with 2 <i>Thrips</i> species .....	111
P. FEDOR, E. M. PEÑA-MÉNDEZ, H. KUCHARCZYK, J. VAÑHARA, J. HAVEL, M. DORIČOVÁ, P. PROKOP	
Genotypic-unspecific protocols for the commercial micropropagation of <i>Eucalyptus grandis</i> × <i>nitens</i> and <i>E. grandis</i> × <i>urophylla</i> .....	125
M. P. WATT	
Dynamic base-age invariant site index models based on generalized algebraic difference approach for mixed Scots pine ( <i>Pinus sylvestris</i> L.) and Oriental beech ( <i>Fagus orientalis</i> Lipsky) stands .....	134
İ. ERCANLI, A. KAHRİMAN, H. YAVUZ	
Mechanical properties of heat-treated wooden material utilized in the construction of outdoor sitting furniture .....	148
N. TANKUT, A. N. TANKUT, M. ZOR	