TURKISH JOURNAL OF AGRICULTURE & FORESTRY

http://journals.tubitak.gov.tr/agriculture/



TURKISH JOURNAL OF AGRICULTURE AND FORESTRY

Editor-in-Chief Sezai ERCİŞLİ Atatürk University. Turkey **VOLUME 43 • ISSUE 2 • 2019**ISSN 1300-011X • E-ISSN 1303-6173

SCOPE OF JOURNAL

- The Turkish Journal of Agriculture and Forestry is published electronically 6 times a year by the Scientific and Technological Research Council of Turkey (TÜBİTAK).
- It publishes, in English, full-length original research papers and solicited review articles on advances in agronomy, horticulture, plant breeding, plant protection, plant molecular biology and biotechnology, soil science and plant nutrition, bionergy and energy crops, irrigation, agricultural technologies, plant-based food science and technology, forestry, and forest industry products.
- Review articles are only accepted upon invitation by the editorial board and will still be subject to the same review
 process required of regular submissions. Manuscripts must be based on original research and contain novel findings
 of general significance.

Studies that:

- 1. merely confirm known facts in just another species or materials or collected materials from fields or markets;
- 2. are only of local interest;
- 3. are based on surveys, material collection, or economic data, and/or are related to planning and policy; or
- 4. report new records and taxonomyare outside the scope of the journal and will normally not be considered for publication.

ABSTRACTED AND INDEXED

- Science Citation Index Expanded
- Scopus
- Academic Search Complete

CONTENTS

Comparison of maize lines and their test crosses according to grain yield and some physiological properties115 Elif ÖZDEMİR, Bayram SADE
Effects of season, genotype, and nutrient medium on pepper anther culture and microspore development
Environmentally friendly fertilizers can enhance yield and bioactive compounds in Chinese cabbage (Brassica rapa ssp. pekinensis)
Design and development of a front mounted on-the-go soil strength profile sensor
Design, development, and evaluation of a target oriented weed control system using machine vision
Highly polymorphic novel simple sequence repeat markers from Class I repeats in walnut (<i>Juglans regia</i> L.)
Influence of fiber fractionation on kraft paper properties of European black pine and European aspen
Individual tree measurements in a planted woodland with terrestrial laser scanner
Genome-wide identification and molecular characterization of <i>Citrus unshiu</i> WRKY transcription factors in Satsuma mandarin: clues for putative involvement in cell growth, fruit ripening, and stress response
Improvement of rebaudioside A diterpene glycoside content in <i>Stevia rebaudiana</i> Bertoni using clone selection 232 Begüm KAPLAN, Kenan TURGUT
Effects of modified atmosphere packaging on the storage and shelf life of Hicaznar pomegranate fruits241 Elif ÇANDIR, Ahmet Erhan ÖZDEMİR, Mehmet Can AKSOY
Effects of moisture content, internode region, and oblique angle on the mechanical properties of sainfoin stem 254 Mustafa Gökalp BOYDAŞ, Mustafa ÇOMAKLI, Bahadır SAYINCI, Mazhar KARA