Nepalese Journal of Agricultural Sciences, July, 2024, Volume 27 eISSN 2091-0428; pISSN 2091-042X; esjindex ID = 6279

# NEPALESE JOURNAL OF AGRICULTURAL SCIENCES

**July, 2024, volume 27** 



Himalayan College of Agricultural Sciences and Technology (HICAST)

Purbanchal University affiliate Kirtipur 1, Kathmandu, Nepal

#### TABLE OF CONTENTS

#### **RESEARCH ARTICLES**

- 5 ECONOMICS AND TECHNOLOGICAL GAP RATIOS OF AGROFORESTRY PRODUCTION IN RURAL AREAS OF KADUNA STATE, NIGERIA: IMPLICATION FOR ENVIRONMENTAL RESOURCE MANAGEMENT- Olugbenga Omotayo Alabi, et al.
- 24 EVALUATION OF FEED CONVERSION RATIOS AND GROWTH PERFORMANCE OF VARIOUS GOAT BREEDS IN A COMMERCIAL GOAT FARM SETTING IN KATHMANDU, NEPAL- Sekhar Bidari and Arjun Pandit
- FARMERS' PERCEPTION AND ADAPTATION TOWARDS CLIMATE CHANGE ON VEGETABLE FARMING IN KATHMANDU DISTRICT- Samira Bhatta, Namita Nepal and Binayak P. Rajbhandari
- 44 EVALUATING DIFFERENT PHEROMONE TRAPS FOR TOMATO LEAF MINER (*Tuta absoluta* MEYRICK) IN KATHMANDU VALLEY-Punam Timilsena, Subeksha Shrestha, R.P Mainali and Lalit Sah
- ASSESSING THE EMERGING HAVOC OF SNAILS AND SLUGS ALONG WITH THEIR MANAGEMENT IN RUPANDEHI AND NAWALPARASI DISTRICTS OF NEPAL- Monica Pandey, Lalit Sah<sup>2</sup>, Subeksha Shrestha, and Saurav Aryal
- 65 BENEFIT COST ANALYSIS OF MAJOR FRUITS AT BAGMATI PROVINCE- Basnet Manoj, Pradhan R.B., Khanal, A., Timilsina R., and Khanal, B.
- 73 EVALUATION OF ELITE POTATO CULTIVARS ON RED ANT (Dorylus orientalis) MANAGEMENT AND TUBER YIELD Janarjan Gautam, Vinita Sharma and Pragati Gautam
- ASSESSMENT OF CLIMATE CHANGE VULNERABILITY AND ITS IMPACTS ON SUMMER VEGETABLE PRODUCTION IN TRISHULINARAYANI RIVER CORRIDOR, NEPAL- Ananta Prakash Subedi, Dharma Raj Dangol, Shiva Chandra Dhakal, and Ujjal Tiwari
- PERFORMANCE EVALUATION OF KIDS FROM PREGNANT DOES SUPPLEMENTED WITH MOLASSES MINERAL SYRUP- Sagun Malla, D. P. Adhikari, Raju Kadel, S. H. Ghimire and A. Adhikari

## Nepalese Journal of Agricultural Sciences, July, 2024, Volume 27 eISSN 2091-0428; pISSN 2091-042X; esjindex ID = 6279

### **REVIEW ARTICLES**

- 108 FOOD SECURITY AND CLIMATE CHANGE: CHALLENGE TO HUMANITY- Binayak P. Rajbhandari
- A REVIEW ON SOIL BIOENGINEERING IN ADVANCING SUSTAINABLE LAND MANAGEMENT: INNOVATIONS AND CHALLENGES IN NEPAL- Aarati Ghimire, Shiksha Khanal and Bidur Prasad Chaulagain