

2091 - 041X

Nepalese Journal of Agricultural Sciences, January, 2025, Volume 28  
eISSN 2091-0428; pISSN 2091-041X; esjindex ID = 6279

# NEPALESE JOURNAL OF AGRICULTURAL SCIENCES

January, 2025, volume 28



Himalayan College of Agricultural Sciences and Technology  
(HICAST)

Purbanchal University affiliate  
Kirtipur 1, Kathmandu, Nepal

## TABLE OF CONTENTS

### RESEARCH ARTICLES

EFFECT OF RATES OF COW DUNG AND NPK ON THE GROWTH AND YIELD OF CUCUMBER ( <i>CUCUMIS SATIVUS</i> ) IN SOUTHERN GUINEA SAVANNA, NIGERIA- Ursulla Ukamaka EMEGHARA, Charles Moses EMMANUEL and Olugbenga Omotayo ALABI.....	5
PREVALENCE OF GASTROINTESTINAL PARASITES IN GOAT ( <i>CAPRA HIRCUS</i> ) OF MALARANI RURAL MUNICIPALITY, ARGHAKHANCHI DISTRICT OF NEPAL- Naresh Kumar SAH.....	18
EFFECT OF POULTRY MANURE RATES AND DAYS AFTER ANTHESIS ON THE FRUIT QUALITY OF OKRA ( <i>Abelmoschus esculentus</i> )- Ursulla Ukamaka EMEGHARA, Charles Moses EMMANUEL, and Olugbenga Omotayo ALABI.....	28
A STUDY ON FEEDS AND FEEDING PRACTICES OF DAIRY ANIMALS IN SMALL SCALE FARMS OF KAVRE DISTRICT, NEPAL- Bhumika BALAMI and Rupendra CHAULAGAIN.....	38
A RETROSPECTIVE ANALYSIS OF TRENDS IN INFLUENZA VACCINATION UPTAKE AT SUKRA RAJ TROPICAL AND INFECTIOUS DISEASE HOSPITAL, KATHMANDU, NEPAL- Keshari Maya SHRESTHA and Shikha RIMAL.....	54
A STUDY ON COFFEE LEAF RUST AND FARMER'S MANAGEMENT PRACTICES IN LALITPUR DISTRICT- Shashank KAFLE and Rojan KARKI.....	61
EVALUATION OF MORTALITY MAGNITUDE AMONG HOLSTEIN FRIESIAN CALVES AND ITS RISK FACTORS EVALUATION IN AN ORGANIZED FARM OF QUETTA PAKISTAN- Kamran Baseer ACHAKZAI, Muhammad Abbas SHAH, Ramla ACHAKZAI, Ghulam Hussain KAKAR and Muhammad Anwar HARIFAL.....	71
MORPHOMETRICS AND MANAGEMENT OF CHINESE CITRUS FLY, <i>Bactrocera minax</i> (Enderlein) (DIPTERA: TEPHRITIDAE) IN KATHMANDU, NEPAL- Bidhika BASNET, Ashmit THAPA, Purnika ARYAL, Subekshya SHRESTHA and Debraj ADHIKARI.....	85
STATUS OF CLIMATE CHANGE AND FOOD SECURITY IN KATHMANDU DISTRICT- Supekshya, BHATTARAI, Namita NEPAL, and Binayak P. RAJBHANDARI.....	93

<b>ADOPTION AND IMPACT OF INTEGRATED PEST MANAGEMENT IN TOMATO CULTIVATION IN LALITPUR AND BHAKTAPUR NEPAL- Puja BUDAL, Lalit SAH and Bidur P. CHAULAGAIN.....</b>	103
<b>IMPACT OF <i>SOLANUM TORVUM</i> ROOTSTOCKS ON GRAFTED AND NON-GRAFTED TOMATO (<i>LYCOPERSICON ESCULENTUM</i> MILL.) CULTIVARS- Susma NEPAL, Punam SHRESTHA, Choodamani BHATTARAI and Bidur P. CHAULAGAIN.....</b>	111
<b>KRISHIDRISHTI: TRANSFORMING NEPALESE FARMING INTO PRECISION AGRICULTURE WITH SATELLITE AND DIGITAL TECHNOLOGY- Shakriya PANDEY, Bidur P. CHAULAGAIN, Bikram THAPA, and Shrisha PANDEY.....</b>	124
<b>FACTORS AFFECTING CONSUMER PURCHASE INTENTION FOR DAIRY PRODUCTS IN KATHMANDU- Rupak NATH and Tilak Raj CHAULAGAIN.....</b>	134
<b>VALUE CHAIN ANALYSIS OF BROILER POULTRY PRODUCTION IN SINDHULI DISTRICT, NEPAL- Amita KHADKA and Rupendra CHAULAGAIN.....</b>	147
<b>ANTIBACTERIAL ACTIVITIES OF METHANOLIC BARK EXTRACTS OF <i>BERBERIS ARISTATA</i> AND <i>BERBERIS ASIATICA</i> FROM DIFFERENT ELEVATIONS OF CHAMPADEVI HILL, NEPAL- Rajeena AWAL, Deepak Raj PANT and Giri Prasad JOSHI.....</b>	161
<b>AN ASSESSMENT OF PUBLIC POLICY CAPACITY DETERMINERS AND PARAMETERS- Yadav HUMAGAIN, Bishnu Raj UPRETI, Durga DEVKOTA, Yunus D. MGAYA, and Rajendra MISHRA.....</b>	172
<b><u>REVIEW ARTICLES</u></b>	
<b>EVALUATING THE ECONOMIC FEASIBILITY OF HYDROPOONICS IN URBAN AGRICULTURE AT KATHMANDU, NEPAL- Usha, BANIYA, Sachin, KHANIYA, and Rojan, KARKI.....</b>	187
<b>ENVIRONMENTAL, SOCIAL, AND ECONOMIC BENEFITS OF ROOFTOP FARMING- Urmila POKHREL, Koshila GIRI, Subheksha CHAUDHARY and Binayak P. RAJBHANDARI.....</b>	196