pISSN 2233-8322, eISSN 2508-870X

Contents

Journal of Agricultural, Life and Environmental Sciences Vol. 38 No.3 September 2026

Effects of Nursery Site and Seedling Age on Seedling Quality and Automatic Transplanting Performance of Summer Kimchi Cabbage 239

Hyuntaek Seo, Sewon Kim, Kyusuk Han, Yong Beom Kwon, Ho–Min Kang

Performance Evaluation of a Double-Conveyor-Type Sweet-Potato Harvester under Different Soil Textures 252

Jinho Won, Jung–Yeon Seo, Jeongju Chae, Sun–Bin Min, Dae Cheol Kim, Yongjin Cho

Revision Demand and Direction of National Policy for Soil Erosion Survey (II): Determination of Tolerable Soil Loss Limit 269

Youn Shik Park

Disease and Pest Occurrence in Fields of the Gangwon State-bred Potato Cultivar 'Pungnong' and Comparison of Control Effects of Registered Chemicals against Common Scab 278

Heon–Seop Won, Mi–Sun Jung, Ji–Hye Jang, Ki–Seong Kim, Jean–Hee Maeng, Ok Choi, An–soo Lee, Jong–Yeol Park, Jeong–Ho Choi, Duck–Hwan Park

Anticancer Activity of *Sorghum Bicolor* Seed Extracts and Their Effects on Apoptosis-Related Gene Expression 289

Won Hyeok Choi, Suho Lim, Jeong Yeon Park, Ji Hye Yoo, Ju Hee Park, Na Young Kim, Eun Soo Seong

Simultaneous Determination of Marker Compounds and Anti-Adipogenic Effects of *Cirsium setidens-Chamaecrista nomame* Complex Extract in 3T3-L1 Cells 303

Young–Jae Heo, Tae–Woong Song, Su–Jong Kim, Jin–Ho Roh, Sun–Il Choi

Effects of Mother Planting Density and Runner Age at Cutting on Seedling Quality and Yield of 'Seolhyang' Strawberry in a Hanging-Bed Propagation System 320

KyeongWon Kim, WonKyung Lee, Hyuntaek Seo, YongBeom Kwon, Ho–Min Kang

Characteristics of Two Broad Bean Wilt Virus 2 Isolates from *Perilla frutescens* in Korea 338

Chaemin Shin, Youseop Shin, Dongjoo Min, Jisu Kim, Jin–Sung Hong

pISSN 2233-8322, eISSN 2508-870X

Contents

Journal of Agricultural, Life and Environmental Sciences Vol. 38 No.3 September 2026

Characterization of the Cucumber Mosaic Virus Isolated from *Gomphrena globosa* 345

Dongjoo Min, Jisu Kim, Chaemin Shin, Youseop Shin, Jin-Sung Hong

Analysis of Noise and Seat-Mount Vibration Characteristics in an Agricultural Tractor Cab under Different Transmission Gear Combinations 353

Jung-Yeon Seo, Jinho Won, Jeongju Chae, Seung-Je Cho, Dae-Cheol Kim, Yongjin Cho

Development and Analytical Characterization of a Sequence-Traceable Positive Control Plasmid for PCR Detection of the Edited *SlGAD3* Allele in GABA-Enriched Tomato 374

Yu Kyong Hu, Chea Yeon Kim, Byoung-Eun Min, Sung Don Lim

Reference Gene Selection and Primer Validation for qRT-PCR Analysis in 'Fuji' Apple Leaves under High-Temperature Treatment during Fruit Development 392

Jae-Hoon Jeong, Sihyeong Jang, Taehwan Shin, Seul-Ki Lee, Jung-Gu Lee, Tae-Seon Park