VOLUME 20, NOMOR 2 JUNI 2026

ISSN: 1907-8056
e-ISSN: 2527-5410

AGROINTEK

JURNAL TEKNOLOGI INDUSTRI PERTANIAN

TEKNOLOGI INDUSTRI PERTANIAN
UNIVERSITAS TRUNOJOYO MADURA

Table of Contents

Microbiological, oxidative stability, physicochemical attributes, and sensory evaluation of beef meatballs with turmeric powder addition 283 - 290

Suharyanto Suharyanto, Warnoto Warnoto, Dwi Ramadanti, Hartati Hartati, Hajrawati Hajrawati

DOI : 10.21107/agrointek.v20i2.27756

Optimizing the location of potato logistics distribution centers using fuzzy AHP 291 - 301

Rindra Yusianto, Rabei Raad Ali, Pulung Nurtantio Andono

DOI : 10.21107/agrointek.v20i2.25731

Karakterisasi fisikokimia cookies tepung sorgum termodifikasi dengan penambahan tepung kacang merah dan rosemary 302 - 312

Pepita Haryanti, Dwita Nafila, Nur Aini

DOI : 10.21107/agrointek.v20i2.30724

Optimization of roselle tea bag brewing by variation of particle weight and type of tea bags 313 - 321

Ike Sitoresmi Mulyo Purbowati, Ali Maksum, Gunawan Wijonarko, Sania Rizqia, Ngo Pham Thao Nguyen

DOI : 10.21107/agrointek.v20i2.26168

Pemetaan struktur kelembagaan food hub pada rantai pasok hortikultura sebagai pusat pangan daerah yang berkelanjutan 322 - 334

Rudi Kresna, Wawan Gunawan, Dini Siti Hanifah, Ajat Sudrajat, Fairuz Labibah, Gabriel Toen Toen Sahat Tua Situngkir

DOI : 10.21107/agrointek.v20i2.32065

Analisis fluktuasi harga ayam kampung di Provinsi Sulawesi Tenggara 335 - 344

La Ode Arfan Dedu, Hartina Batoa, Hadi Sudarmo, Hartatia Nur, Normal Bivariant Padangaran, Pertiwi Syarni, Rahayu Endah Purwanti

DOI : 10.21107/agrointek.v20i2.27334

Producing Kombucha Beads by Spherification: Effect of Alginate Concentration and Exposure-Time on Release Behaviour of Polyphenolic Compounds 345 - 352

Dewi Cakrawati, Dwi Lestari Rahayu, Yatti Sugiarti, Mustika Nuramalia Handayani

DOI : 10.21107/agrointek.v20i2.27895

Quality evaluation of cuko pempek based on physics and chemical properties and sensory acceptance 353 - 362

Nico Syah Putra, Ikawati Karim, Fatimah Fatimah, Idealistuti Idealistuti, Eka Rizki Meiwinda, Erni Hawayanti, Harum Sahara, Muhammad Aditya Prawira

DOI : 10.21107/agrointek.v20i2.32570

Pengaruh kadar air terhadap sifat fisik gula semut melalui analisis regresi linier 363 - 372

Hary Kurniawan, Rucitra Widyasari, Yeni Sulastri

DOI : 10.21107/agrointek.v20i2.31916

Pengaruh macam inokulum dan jenis kacang kedelai yang digunakan terhadap kadar protein terlarut dan total padatan terlarut pada tempe 373 - 383

Nur Hidayat, Dinda Galuh Wulandini, Dian Handayani

DOI : 10.21107/agrointek.v20i2.22490

Analisis kualitas gula merah tebu hasil olahan tradisional dari Desa Pakak Kecamatan Kayan Hilir Kabupaten Sintang 384 - 397

Farah Diba, Ricky Chandra, Dina Setyawati, Hikma Yanti, Yeni Mariani

DOI : 10.21107/agrointek.v20i2.26355

Analisis rantai pasok pengembangan agroindustri abon ikan lele di Kabupaten Jember 398 - 407

Yuli Wibowo, Herlina Herlina, Siswoyo Soekarno, Andi Eko Wiyono, Haidar Ali

DOI : 10.21107/agrointek.v20i2.27320

Arrhenius-based shelf-life prediction of lombok terong (Capsicum) sambal with sodium benzoate and potassium sorbate combination 408 - 419

Eileen Fiona Wijaya, Fransisca Romana Titis Suniati, Oki Krisbianto, Evelyn Goeyana, Ika Yohanna Pratiwi

DOI : 10.21107/agrointek.v20i2.27479

Input-output evaluation of kenaf biomass utilization for upstream supply chain optimization in agroindustry 420 - 432

Nunung Nurhasanah, Marimin Marimin, Machfud Machfud, Muhammad Romli

DOI : 10.21107/agrointek.v20i2.31249

Isolation and identification of bacteria in the process of making dry and wet gaplek 433 - 444

Leonardus Patrick Harsono, Masdiana Chendrakasih Padaga, Oki Krisbianto, Erica Cresentia Kurniawan

DOI : 10.21107/agrointek.v20i2.27766

Manajemen risiko rantai pasok garam madura melalui pendekatan RapAgRisk 445 - 460

Solehatun Munawaroh, Novita Erma Kristanti, Wahyu Supartono

DOI : 10.21107/agrointek.v20i2.32427

Peningkatan umur simpan cabai merah dengan edible coating kitosan cangkang kerang hijau dan ekstrak sereh 461 - 470

Nia Kartika Putri, Mahfirotuz Zahra, Wifia Febriana, Navida Nur Kholifah, Carissa Salsabila, Yunan Kholifatuddin Sya'di

DOI : 10.21107/agrointek.v20i2.27524

Profile of secondary metabolite compounds in methanol extract of robusta coffee husk (Coffea canephora Pierre ex A. Froehner) from Jember, East Java, based on GC-MS analysis 471 - 478

Fawait Afnani, Prima Agusti Lukis, Faizatul Fitria, Frengky Hermawan Hadi Prasetyo, Wiwit Sri Werdi Pratiwi

DOI : 10.21107/agrointek.v20i2.34184

Quality improvement strategy of smoked catfish producer for e-commerce sales: a case study 479 - 489

Tian Nur Ma'rifat, Arief Rahmawan, Hefti Salis Yufidasari, Dwi Setijawati

DOI : 10.21107/agrointek.v20i2.27088

Sifat kimia, dan fungsional mocaf (modified cassava flour) dengan perbedaan suhu dan waktu pregelatinisasi 490 - 500

Saskia Fitriana, Nurud Diniyah, Achmad Subagio, Eko Priyantono, Eka Rahayu, Mahrus Irsyam

DOI : 10.21107/agrointek.v20i2.30293

The selection of sago flour suppliers using Multi Criteria Group Decision Making approach with different sets of criteria 501 - 512

Usamah Afiq Nuruddin, Indah Pratiwi, Afiqoh Akmalia Fahmi, Eko Setiawan

DOI : 10.21107/agrointek.v20i2.29902

Predicting sustainable innovation performance of food MSMEs using SEM-ANN approach 513 - 526

Tika Puspita, Endah Rahayu Lestari, Arif Hidayat

DOI : 10.21107/agrointek.v20i2.29700

System dynamics modeling in competitive cocoa agroindustry management: a case study of Socolatte in Pidie Jaya regency 527 - 539

Lukman Hakim, Agustina Arida, Fajri Fajri, Monalisa Monalisa, Cut Faradilla

DOI : 10.21107/agrointek.v20i2.29710

Puding bagi ibu hamil dan menyusui: kajian jenis dan konsentrasi tepung ubi jalar Cilembu 540 - 548

Anna Ingani Widjajaseputra, Maria Matoetina Suprijono, Theresia Endang Widoeri Widyastuti

DOI : 10.21107/agrointek.v20i2.23096

Bioactive compounds and antioxidant activity of germinated soybean flour (Glycine max L.) at different germination time 549 - 557

Hamidatun Hamidatun, Nabila Febriana, Giyatmi Giyatmi, Sudathip Sae-Tan, Dadi Hidayat Maskar

DOI : 10.21107/agrointek.v20i2.32674

Reviewer acknowledgment Volume 20 No 2 (2026)

Editorial board of Agorintek: Journal Teknologi Industri Pertanian sincerely appreciate all your valuable comments and suggestions, which helped us in improving the quality of the manuscript.

Faizatur Rohmah, Teknik Mesin Alat Berat, Politeknik Negeri Madura, Indonesia
Eka Nur'azmi Yunira, Teknologi Industri Pertanian, Institut Teknologi Sumatera, Indonesia
Dr. I Wayan Arnata, Teknologi Industri Pertanian, Universitas Udayana, Indonesia
Dr. Hadi Munarko, Teknologi Pangan, Universitas Pembangunan Nasional "Veteran" Jawa Timur, Indonesia
Dr. Hana Catur Wahyuni, Teknik Industri, Universitas Muhammadiyah Sidoarjo, Indonesia
Dr. Ivan Gunawan, Teknik Industri, Universitas Katolik Widya Mandala Surabaya, Indonesia
Dr. Anita Maya Sutedja, Teknologi Pangan, Universitas Katolik Widya Mandala Surabaya
Ir. Jefri Pandu Hidayat, Teknik Kimia, Institut Teknologi Kalimantan, Indonesia
Prof. Yohana Sutiknyawati Kusuma Dewi, Ilmu dan Teknologi Pangan, Universitas Tanjungpura, Indonesia
Dr. Taufik Rizal Dwi Adi Nugroho, Agribusiness Universitas Trunodjoyo Madura, Indonesia
Ir. Erliana Ginting, Pusat Riset Teknologi Dan Proses Pangan, Badan Riset Inovasi Nasional, Indonesia
Dr. Sukmiyati Agustin, Teknologi Pangan dan Hasil Pertanian, Universitas Mulawarman, Indonesia
Dr. Okta Amelia, Teknologi Industri Pertanian, Institut Teknologi Sumatera, Indonesia
Lukman Azis, Food and Nutrition, Al-Azhar University, Indonesia
Dr. Titik Budiati, Teknologi Rekayasa Pangan, Politeknik Negeri Jember, Indonesia
Dr. Supriyanto Supriyanto, Teknologi Pangan, Universitas Trunojoyo Madura, Indonesia
Prof. Dedin F Rosida, Food Technology, Universitas Pembangunan Nasional "Veteran" Jawa Timur, Indonesia
Dr. Raden Faridz, Agroindustrial Technology, Universitas Trunojoyo Madura, Indonesia
Dr. Asri Widyasanti, Teknik Pertanian dan Biosistem, Universitas Padjadjaran**,** Indonesia
Dr. Bambang Herry Purnomo, Teknologi Industri Pertanian, Universitas Jember, Indonesia
Dr. Fitri Agustina, Industrial Engineering, Universitas Trunojoyo Madura, Bangkalan, Indonesia
Zakaria Husein Abdurrahman, Peternakan, Universitas Boyolali, Indonesia
Dr. Karseno Karseno, ilmu Pangan, Universitas Jenderal Soedirman, Indonesia
R. Baskara Katri Anandito, Food Science and Technology, Universitas Sebelas Maret, Surakarta, Indonesia
Prof. Murna Muzaifa, Teknologi Industri Pertanian, Universitas Syiah Kuala, Indonesia
Dr. Iphov Kumala Sriwana, Teknik Industri, Universitas Telkom, Indonesia
Mojiono Mojiono, Teknologi Pangan, Universitas Trunojoyo Madura
Dyah Ayu Larasati, Teknologi Industri Pertanian, Institut Teknologi Sumatera, Indonesia
Windi Habsari, Seni Kuliner, Akademi Kuliner dan Patiseri OTTIMMO Internasional, Indonesia
Dr. Iffan Maflahah, Teknologi Industri Pertanian, Universitas Trunojoyo Madura, Indonesia
Dr. Akhmad Mustofa, Teknologi Pangan, Universitas Slamet Riyadi, Indonesia

Dr. Dhian Herdhiansyah, Teknologi Pangan, Universitas Halu Oleo Kendari, Indonesia
Prof. Ida Bagus Suryaningrat, Teknologi Industri Pertanian, Universitas Jember, Indonesia

EDITORIAL TEAM

Editor in Chief

Prof. Umi Purwandari, Food Technology, University of Trunojoyo Madura, Indonesia

International Advisory Editorial Board

Dr. Rudy Hermawan, Microbiology, University of Toyama, Japan

Dr. Novita Sakundarini, Department of Mechanical, Materials and Manufacturing Engineering, University of Nottingham Malaysia, Malaysia

Dr. Chananpat Rardniyom, Dept. Food Science and Technology, Maejo University, Thailand

Editorial Board

Dr. Mohammad Fuad Fauzul Mu'tamar, Agroindustrial Technology, University of Trunojoyo Madura, Indonesia

Dr. Askur Rahman, Food Technology, University of Trunojoyo Madura, Indonesia

Nurmalisa Lisdayana, Agroindustrial Technology, University of Trunojoyo Madura, Indonesia

Dr Enung Siti Nurhidayah, Food Technology, University of Trunojoyo Madura, Indonesia

Dr. Banun Probowati, Agroindustrial Technology, University of Trunojoyo Madura, Indonesia

Dr. Darimiyya Hidayati, Food Technology, University of Trunojoyo Madura, Indonesia

Dr. Muhammad Prasetya Kurniawan, Department of Agroindustrial Technology, Universitas Gadjah Mada, Sleman, Indonesia

Dr. Cahyo Indarto, Food Technology, University of Trunojoyo, Indonesia

Safira Kanza, Agroindustrial Technology, University of Trunojoyo, Indonesia

Managing Editor

Raden Arief Firmansyah, Agroindustrial Technology, University of Trunojoyo Madura, Indonesia

Copyeditor

Miftakhul Efendi S.T., Agroindustrial Technology, University of Trunojoyo Madura, Indonesia

Safina Istighfarin S.T., Agroindustrial Technology, University of Trunojoyo Madura, Indonesia

Rendra Kusuma, S.Gz, M.Si, Physical Education, STKIP PGRI, Sumenep, Indonesia

Layouter

Heri Iswanto A.md.Kom, Universitas Trunojoyo Madura, Indonesia