

Prof. Dr. Ir. Yunilas, MP

Lecturer of Undergraduate Program in Animal Science Study Program
Faculty of Agriculture
Universitas Sumatera Utara

✉ yunilas@usu.ac.id

🏢 USU Faculty of Agriculture

🌐 fp.usu.ac.id/en/lecturer/yunilas

Prof. Dr. Ir. Yunilas, M.P., was born on June 11, 1968, in Padang. She is a lecturer at Universitas Sumatera Utara with a field of study in Biotechnology of Livestock. She completed her doctoral degree at the Faculty of Animal Science, Program of Animal Science, Universitas Andalas, in 2016. She has received several awards, including Satyalancana Karya Satya XX Tahun, Certificate of Award from Malaysia, International Festival of Innovation on Green Technology 2019 (IFINOG) on April 19-21, 2019, at Universiti Malaysia Pahang, and a certificate from Yayasan Budaya Hijaun Indonesia. She has also been a speaker at the National Webinar of Eco Enzyme Volunteers Indonesia (REEI).

Publications

2020

Jurnal nasional

The Use of Fermented Cassava Peel (Manihotutilisima) in the Ration on Carcass Quality of Male Local Sheep

YUNILAS

2019

Jurnal nasional

Utilization of Buffalo Faeces Combination of Fermented Coffee Peel with MOL (Local Microorganisms) Against Growth of *Indigofera zollingeriana*

YUNILAS

2023

Jurnal nasional terakreditasi

Manufacturing of MOL and Amfoter Feed Palm Leaves and Fronds on Breeders in Talun Kenas Village, STM Hilir District

YUNILAS

2014

Jurnal nasional

Kajian Kelayakan Pengembangan Usaha Ternak Sapi Tebu di Kabupaten Majalengka

YUNILAS

2021

Jurnal nasional

Penerapan Manajemen Pemeliharaan dan Pakan Komplit Biomassa Ubi kayu, Pucuk Tebu dan Ampas Tahu Pada Peternak Kambing Di Desa Deli Tua Kecamatan Namo Rambe

YUNILAS

2020

Prosiding seminar internasional

The Effect of Bioactivator Addition to the Quality of Bio Gas Slurry

HASNUDI , YUNILAS , NURZAINAH GINTING

2020

Jurnal internasional

The effect of bioactivator addition to the quality of bio gas slurry

HASNUDI , YUNILAS , NURZAINAH GINTING

2019

Jurnal nasional

Isolation and characteristics of cellulolytic bacteria based on corn waste as a fibrous feed bioactivator

YUNILAS

2015

Jurnal nasional

Pemanfaatan Fermentasi Hasil Samping Industri Kelapa Sawit dengan Probiotik Lokal terhadap Performans Domba

YUNILAS

2019

Jurnal nasional

Isolation and Characteristics of Corn-Based Cellulolytic Fungi as Fibrous Feed Bioactivators

YUNILAS

2024

Jurnal nasional terakreditasi

Physico-chemical Characterization of Tofu By-Product Silage Supplemented with Fine Rice Bran and Chestnut Tannin as Silage Additives

YUNILAS

2020

Jurnal internasional

A study about Protective Effect of *Brevibacillus laterosporus texasporus* Culture on Broiler Chickens Infected with *Salmonella Pullorum*

YUNILAS

2022

Lain-lain

TEKNOLOGI PENGOLAHAN LIMBAH DENGAN SISTEM ALL OUT DALAM UPAYA MENINGKATKAN BIOSEKURITI LINGKUNGAN, KESEHATAN TERNAK DAN INCOME PETERNAK DI PETERNAKAN ACTIVIST FARM

YUNILAS

2022

Prosiding seminar internasional

Extraction of chitin and chitosan black soldier fly (*Hermetia illucens*) prepupa phase on characterization and yield

YUNILAS

2019

Jurnal nasional

Utilization of fermented corn cob flour with "MOIYL" probiotics on local rabbit performance

YUNILAS

2024

Jurnal internasional bereputasi

Optimization of Depigmentation Solvent Dosage to Remove Melanin Content in Black Soldier Fly (*Hermetia illucens*)

Sri Wahyuni , ULINA HUTASUHUT , ARMINA FARIANI , YUNILAS

2025

Jurnal internasional bereputasi

Evaluation of antioxidant sources in fermented cocoa pod husk as animal feed

YUNILAS

2023

Buku referensi

KITIN DAN KITOSAN BSF: Polimer Masa Depan Untuk Industri Peternakan

YUNILAS

2024

Prosiding seminar internasional

Fishing industry potential as resources broiler feed's fishmeal from bycatch in Teluk Nibung, Tanjung Balai

GALIH ARI WIRAWAN SIREGAR , R. EDHY MIRWANDHONO , ADE TRISNA , YUNILAS , AMIRAH ELMASYAH

2022

Monograf

Cocktail Inokulum: Inokulum Campuran sebagai Kultur Starter Fermentasi Pakan

YUNILAS

2019

Jurnal nasional

Isolation and Characteristics of Corn-Based Cellulolytic Fungi as Fibrous Feed Bioactivators

YUNILAS

2019

Jurnal internasional

CHARACTERISTICS AND DEGRADATION ABILITY OF CELLULOLYTIC BACTERIA FROM PLIEK-U AS FIBROUS FEED BIOACTIVATOR

YUNILAS

2018

Jurnal nasional terakreditasi

Evaluation of Fiber Content Based on Palm Plantation which Has Fermentation with Probiotic MOIYL

YUNILAS

2022

Lain-lain

Penerapan Teknologi Budidaya Ternak dan Pembuatan Amfoter Daun dan Pelepah Sawit Pada Peternak Domba Di Desa Talun Kenas Kecamatan STM Hilir

YUNILAS

2023

Jurnal nasional terakreditasi

Potensi Limbah Sayur sebagai Agen Media Tumbuh Maggot BSF (Black Soldier Fly)

YUNILAS

2024

Jurnal nasional

Effectiveness of Urea Molasses Multi-Nutrient Block Based on Fermented Coffee Fruit Peel on the Blood Profile of Sheep Experiencing Stress during Transportation

YUNILAS , MARUF TAFSIN , SHARI FAHRIZA

2019

Jurnal nasional

The Activity Of Cellulose Enzyme From Indigenous Bacteria "Bacillus Sp YLB1" As Bioactivator

YUNILAS

2019

Jurnal nasional

Sinergisme Fungi Selulolitik Berbasis Limbah Jagung Sebagai Bioaktivator Pakan Berserat

YUNILAS

2022

Jurnal internasional bereputasi

Extraction of chitin and chitosan black soldier fly (*Hermetia illucens*) prepupa phase on characterization and yield

YUNILAS

2018

Jurnal nasional

Analyze the Marketing of Chicken Eggs in the Traditional Market of Tebing Tinggi Municipality

YUNILAS

2019

Jurnal nasional

The Changes of Nutrient Content of Cassava Peel (*Manihot esculenta* Crantz) That Fermented by Indigenous Microorganisms (IMO) As Animal Feed

YUNILAS

2019

Lain-lain

TURI (*SESBANIA GRANDIFLORA*) SEBAGAI TANAMAN MAKANAN TERNAK KERBAU DI KECAMATAN PANGURURAN KABUPATEN SAMOSIR

YUNILAS

2014

Jurnal internasional bereputasi

Quality Improvement of Oil Palm Waste-Based Feed Product Through Indigenous Microbial Fermentation to Reach Sustainable Agriculture

YUNILAS

2019

Jurnal nasional

Isolasi Dan Karakteristik Fungi Lignoselulolitik Dari Limbah Sawit Sebagai Agen Pendegradasi Pakan Berserat

YUNILAS

2019

Buku referensi

Aplikasi Mikroba Pada Pakan Ternak

YUNILAS

2025

Jurnal internasional bereputasi

The influence of different proportions of rumen degradable protein and non-fiber carbohydrate consisted in feed ration on in vitro rumen fermentation, digestibility, gas production kinetics and enteric methane emission

YUNILAS , U HIDAYAT TANUWIRIA

2022

Lain-lain

PEMBERDAYAAN SISWA SMK ASGA MANDIRI JOHOR DALAM PENANGANAN SAMPAH ORGANIK SEBAGAI PUPUK DAN MEDIA HIDUP MAGGOT DALAM MEWUJUDKAN GREEN ECONOMY

YUNILAS

2019

Jurnal internasional

CHARACTERISTICS AND DEGRADATION ABILITY OF CELLULOLYTIC BACTERIA FROM PLIEK-U AS FIBROUS FEED BIOACTIVATOR

YUNILAS

2018

Prosiding seminar internasional

The role of lactic acid bacteria (*Lactobacillus* sp yel133) from beef in inhibiting of microbial contaminants on various fillers of starter culture

YUNILAS

2019
Lain-lain

Penerapan Teknologi Budidaya Ternak dan Pembuatan Amfoter Daun dan Pelepah Sawit Pada Peternak Domba Di Desa Talun Kenas Kecamatan STM Hilir

YUNILAS

2024
Jurnal internasional bereputasi

Insights from Insect Diversity and Functional Roles in Sorghum Pest Management: A Case Study from Northern Sumatera, Indonesia

YUNILAS , AMEILIA ZULIYANTI SIREGAR

2019
Jurnal nasional

Microbial effects from biogas slurry application on growing phase of turi (*Sesbania grandiflora*)

YUNILAS

2025
Jurnal internasional bereputasi

Effects of Chitosan-Stearin on Quality of Chicken Egg Storage at Room Temperature

YUNILAS , TRIOSO PURNAWARMAN

2019
Jurnal nasional

The Potential of Giving Silage Feed Based on Corn Plant Waste (*Zea mays*) Using Local Microorganisms (Indigenous Microorganism) Against the Percentage of Local Male Non-Carcass Sheep

YUNILAS

2019
Jurnal nasional

Utilization of Biogas Slurry Doses from Goat Faeces with MOL (Micro Local Organisms) Banana Stem on Turi Productivity (*Sesbania grandiflora*) in Samosir Regency

YUNILAS

2019
Prosiding seminar internasional

Synergism of cellulolytic bacteria in consortium as starter culture agent "MOIYL" for fiber feed

YUNILAS , TRI HESTI WAHYUNI

2019
Jurnal nasional

Utilization of Fermented Corn Cobs Flour in a Pellet-Shaped Ration Against Male Local Rabbit Carcasses (*Oryctolagus cuniculus*) Off Wean

YUNILAS

2019
Jurnal nasional

Utilization of Biogas Slurry Doses from Goat Faeces with MOL (Micro Local Organisms) Banana Stem on Turi Productivity (*Sesbania grandiflora*) in Samosir Regency

YUNILAS

2022
Jurnal nasional

Pengolahan kopi tepat guna mendukung pertanian berkelanjutan di Desa Telagah, Sei Bingei, Langkat

YUNILAS , AMEILIA ZULIYANTI SIREGAR

2023
Jurnal nasional

PEMBERDAYAAN PETERNAK IKAN LELE MELALUI TEKNOLOGI BIOFLOK DI KECAMATAN PATUMBAK

YUNILAS

2024

Jurnal nasional terakreditasi

Physico-chemical Characterization of Tofu By-Product Silage Supplemented with Fine Rice Bran and Chestnut Tannin as Silage Additives

RAKHMAD PERKASA HARAHAP , SADARMAN , DEWI FEBRINA , RAHMI FEBRIYANTI , GHOLIB , YUNILAS , RIZKI AMALIA NURFITRIANI , FITRAH KHAIRI , Amirul Faiz Mohd Azmi , Novia Qomariyah

2014

Jurnal internasional bereputasi

Toward probiotict food product from meat through isolation and identification lactic acid bacteria as probiotic culture stater

YUNILAS

2020

Jurnal nasional

Performance Of Local Sheep by the Application of Fermented Cassava Peel With Local Microorganism (MOL)

YUNILAS

2023

Jurnal internasional bereputasi

The balance of rumen degradable protein and readily available carbohydrate in sheep rations on in vitro fermentability

U HIDAYAT TANUWIRIA , YUNILAS

2018

Jurnal nasional

Utilization of Pliek U Bacteria (YNH11 Isolates) in Fermenting Process of Coconut Dregs (Cocos Nucifera L.)

YUNILAS

2019

Jurnal nasional

Utilization of Fermented Corn Cobs Flour in a Pellet-Shaped Ration Against Male Local Rabbit Carcasses (Oryctolagus cuniculus) Off Wean)

YUNILAS

2020

Jurnal nasional

Nutritional Quality Of Oil Palm Press Fiber By Product Fermented By Local Miroorganism

YUNILAS

2018

Jurnal nasional

Effect of Fermentation Time and Starbio Bioactivator Type and Local Microorganism (MOL) on The Nutritional Quality of Cassava Tuber Skin (Manihot Utilisima)

YUNILAS

2023

Jurnal internasional bereputasi

The balance of rumen degradable protein and readily available carbohydrate in sheep rations on in vitro fermentability

PROF.DR.IR.JASMAL AHMARI SYAMSU,MSi , MARDIATI ZAIN , YUNILAS , U HIDAYAT TANUWIRIA

2021

Jurnal nasional

Digestibility Of Maggot Black Soldier Fly (Hermetia Ilucens) Flour in Ration Of Kampong Chicken

YUNILAS

2021
Jurnal internasional bereputasi

Effect of dietary black cumin seed (*Nigella sativa*) on performance, immune status, and serum metabolites of small ruminants: A meta-analysis

YUNILAS

2019
Jurnal nasional

Silase Komplit Pelepah Kelapa Sawit dan Indigofera sp. dengan Probiotik MOIYL Terhadap Performa Sapi PO

YUNILAS

2017
Jurnal nasional

Organoleptic Test and Total Acid Level of Buffalo Milk and Goat Milk by Using Bamboo Ampel (*Bambusa vulgaris*) and Bamboo Gombang (*Gigantochloa verticillata*)

YUNILAS

2025
Jurnal internasional bereputasi

Evaluation of antioxidant sources in fermented cocoa pod husk as animal feed

YUNILAS

2019
Prosiding seminar internasional

Content of fibre fraction complete feed silage based waste corn (*Zea mays*) in the fermentation process with local microorganism "Probiotic MOIYL

YUNILAS , YUSUF L HENUK

2024
Jurnal internasional bereputasi

Endoparasites Inventory and Prevalence of *Scomberomorus commerson* in Sumatera Province, Indonesia

YUNILAS , ERI YUSNI

2024
Jurnal internasional bereputasi

In Vitro Rumen Fermentability and Physical Properties of Bali Cattle Ration Based on Agro-Industrial by-Product with Different Ratio of Rumen Degradable Protein and Non-Fiber Carbohydrate

YUNILAS , PROF.DR.IR.JASMAL AHMARI SYAMSU,MSi

2018
Jurnal nasional

The Utilization level of Corn Cob Fermented by MOIYL on Dry Matter and Organic Matter Digestibility on Local Rabbit

YUNILAS

2017
Jurnal nasional

ANALYSIS OF PROFIT SHARING SYSTEM BEEF CATTLE BREEDING BUSINESS IN KLAMBIR V KEBUN HAMPARAN PERAK SUBDISTRICT DELI SERDANG DISTRICT

YUNILAS

2022
Jurnal nasional

Pengolahan Kopi Tepat Guna Mendukung Pertanian Berkelanjutan Di Desa Telagah, Sei Bingei, Langkat

YUNILAS

2019
Jurnal nasional

Isolation and characteristic of lignocellulolytic fungi of palm waste as a fiber feed degrading agent.

2025

Jurnal internasional bereputasi

The ability of chitosan-stearin as an edible coating on the quality of broiler chicken meat during cold storage

YUNILAS , USWATUN HASANAH , TRIOSO PURNAWARMAN

2024

Jurnal internasional bereputasi

Optimization of Depigmentation Solvent Dosage to Remove Melanin Content in Black Soldier Fly (*Hermetia illucens*)

Sri Wahyuni , ARMINA FARIANI , YUNILAS

2020

Buku referensi

Rekayasa Berbagai Pupuk untuk Tanaman Makanan Ternak: Turi (*Sesbania Grandiflora*)

NURZAINAH GINTING , HASNUDI , YUNILAS

2019

Jurnal nasional

Utilization of fermented corn cob flour with " MOIYL " probiotics on local rabbit performance

YUNILAS

2020

Prosiding seminar internasional

The effect of bioactivator addition to the quality of bio gas slurry

YUNILAS

2024

Jurnal internasional bereputasi

Optimization of depigmentation solvent dosage to remove melanin content in black soldier fly (*Hermetia illucens*)

YUNILAS

2020

Lain-lain

Penerapan Manajemen Pemeliharaan dan Pakan Komplit Biomassa Ubi kayu, Pucuk Tebu dan Ampas Tahu Pada Peternak Kambing Di Desa Deli Tua Kecamatan Namorejo Rambe

YUNILAS

2024

Prosiding seminar internasional

Isolation and characterization of chitosan from black soldier fly exuviae

YUNILAS

2024

Prosiding seminar internasional

Fishing industry potential as resources broiler feed's fishmeal from bycatch in Teluk Nibung, Tanjung Balai

YUNILAS

2025

Jurnal internasional bereputasi

Evaluation of antioxidant sources in fermented cocoa pod husk as animal feed

ALFONSINA MARTHINA TAPOTUBUN , YUNILAS

2019

Jurnal nasional

The Analysis of Factors that Affecting the Amount of Free- Range Chicken Meat Consumption in Langkat Regency

YUNILAS

2023
Jurnal nasional

Peternakan Eduwisata Kambing-Domba Pentahelix dalam Mendukung Ketahanan Protein di Sumatera Utara

YUNILAS

2023
Jurnal internasional bereputasi

Detection, Identification and Evaluation of Cellulase Enzyme Activity of Cellulolytic Fungi from Pliek U as Cellulose Hydrolysis Agent in Feed

YUNILAS

2019
Jurnal nasional

Forage substitution with MOIYL fermented cacao pod on carcass quality of local sheeps

YUNILAS

2020
Lain-lain

MODEL DESA MITRA PETANI PADI BERAS MERAH DAN PETERNAK LEMBU MENDUKUNG KETAHANAN PANGAN DI SUMATERA UTARA

YUNILAS

2019
Jurnal nasional

Microbial Effects from Biogas Slurry Application on Growing Phase of Turi (*Sesbania grandiflora*)

YUNILAS

2024
Jurnal nasional

PEMBUATAN SILASE TUNGGAL BERBASIS RUMPUT GAMA UMAMI (PENNISSETUM PURPUREUM CV.GAMA UMAMI) SEBAGAI PAKAN TERNAK

YUNILAS , Mhd. Isman

2018
Jurnal nasional

ANALYSIS OF COCONUT DREGS FIBER CONTENT DUE TO FERMENTATION USING FIBER DEGRADATION BACTERIA FROM P

YUNILAS

2019
Jurnal nasional

The Potential of Giving Silage Feed Based on Corn Plant Waste (*Zea mays*) Using Local Microorganisms (Indigenous Microorganism) Against the Percentage of Non-Carcass on Local Sheep

YUNILAS

2006
Jurnal internasional

The Usage of Plantation by Product to Kacang Goat on Carcass and also Meat and Bone Comparison for Fattening)

HASNUDI , YUNILAS

2025
Jurnal nasional

PEMANFAATAN LIMBAH FESES KAMBING DAN DOMBA MENJADI BIOBRIKET RAMAH LINGKUNGAN DI DUSUN 3 DESA SEI GLUGUR, KEC. PANCUR BATU, KAB. DELI SERDANG

YUNILAS

2022
Buku referensi

Bakteri Lignoselulolitik Dari Limbah Perkebunan Kelapa Sawit Sebagai Kultur Starter Fermentasi Pakan

2013

Jurnal internasional bereputasi

Potency of indigenous bacteria from oil palm waste in degrades lignocellulose as a sources of inoculum fermented to high fibre

YUNILAS

2023

Jurnal internasional bereputasi

The balance of rumen degradable protein and readily available carbohydrate in sheep rations on in vitro fermentability

YUNILAS

2023

Jurnal nasional terakreditasi

Salmonella sp. Contamination Detection in Layer Chicken Eggs Traded in Traditional Market of Medan Johor District

YUNILAS

2024

Jurnal nasional

Pemberdayaan Kelompok Nelayan dalam Membudidayakan Kerang Dara sebagai Pendapatan Ekonomi Rakyat di Kampung Nelayan Belawan 1 Medan

YUNILAS , ERI YUSNI

2021

Jurnal nasional terakreditasi

INTEGRASI PADI MERAH DAN TERNAK LEMBU MENDUKUNG KETAHANAN PANGAN DI TAPANULI SELATAN

YUNILAS

2023

Jurnal internasional bereputasi

Detection, Identification and Evaluation of Cellulase Enzyme Activity of Cellulolytic Fungi from Pliek U as Cellulose Hydrolysis Agent in Feed

YUNILAS , ERI YUSNI

2025

Jurnal internasional bereputasi

Effects of Chitosan-Stearin on Quality of Chicken Egg Storage at Room Temperature

USWATUN HASANAH , YUNILAS

2019

Jurnal nasional

The Changes of Nutrient Content of Cassava Peel (Manihot esculenta Crantz) That Fermented by Indigenous Microorganisms (IMO) As Animal Feed

YUNILAS

2025

Prosiding seminar internasional

Application of chitosan-stearin as a coating on the microbiological quality of chicken eggs at room temperature storage

YUNILAS

2022

Jurnal nasional

Potensi dan Karakteristik Larutan Mikroorganisme Lokal (MOL) Berbasis Limbah Sayur sebagai Bioaktivator dalam Fermentasi

YUNILAS

2020

Lain-lain

MODEL DESA MITRA PETANI PADI BERAS MERAH DAN PETERNAK LEMBU MENDUKUNG KETAHANAN PANGAN DI SUMATERA UTARA

2022

Jurnal nasional

PASCAPANEN KOPI MENDUKUNG PERTANIAN BERKELANJUTAN DI DESA HUTANAMALE PUNCAK SORIK MARAPI, MADINA

YUNILAS

2022

Jurnal internasional bereputasi

The Use of biopesticide to control of Thrips palmi on potato plant of Sorik Merapi Mountain, Madina, North Sumatera

AMEILIA ZULIYANTI SIREGAR , YUNILAS

2023

Jurnal internasional bereputasi

Effect of Fermentation Time and Organic Acid Level on Organoleptic Quality and Chemical Components of Black Soldier Fly Prepupae Silage

YUNILAS

2024

Jurnal internasional bereputasi

Nutrient digestibility, characteristics of rumen fermentation, and microbial protein synthesis from Pesisir cattle diet containing non-fiber carbohydrate to rumen degradable protein ratio and sulfur supplement

PROF.DR.IR.JASMAL AHMARI SYAMSU,MSi , MARDIATI ZAIN , U HIDAYAT TANUWIRIA , YUNILAS

2021

Lain-lain

PENGOLAHAN KAMBING PENTAHHELIX MENDUKUNG KETAHANAN PROTEIN MASA PANDEMIK DI SUMATERA UTARA

YUNILAS

2021

Jurnal nasional

The Effect of Sheep Feces Compost with Different Fertilization Doses and Intervals on the Productivity of Mixed Pastures (Clitoria ternatea and Brachiaria ruziziensis)

YUNILAS

2023

Jurnal nasional

Factors Affecting Pork Consumer Demand During The Covid - 19 Pandemic in Medan City, North Sumatra Province

GALIH ARI WIRAWAN SIREGAR , YUNILAS , GERY SURYADI , Hutauruk Hutauruk

2021

Jurnal internasional bereputasi

Effect of Various Doses of Local Microorganism Additives on Silage Physical Quality of Corn (Zea mays L.) Waste

YUNILAS

2018

Prosiding seminar internasional

The utilization of coconut waste fermentated by aspergillus niger and saccharomyces cerevisiae on meat quality of weaniag males rex rabbit

TRIWAHYUNI , HASNUDI , NURZAINAH GINTING , YUNILAS

2023

Jurnal internasional bereputasi

Palatability Test of Urea Molasses Multinutrient Block (UMMB) Based on Cocoa Pods Fermented with LMO (Local Microorganisms) in Sheep

YUNILAS

2019

Jurnal nasional

The Analysis of Factors that Affecting the Amount of Free-Range Chicken Meat's Consumption in Langkat Regency

YUNILAS

2017

Jurnal nasional

Utilization of Bio Slurry with Input of Buffalo Faeces and Water Hyacinth (Eichornia crassipes) With Various Doses of MOD (Microorganism Decomposer) on Productivity of Kelor (Moringa oleifera) in Samosir

YUNILAS

2021

Jurnal nasional

Nutritional Content of Fermented Kepok Banana Peel (KBP) by Local Microorganisms (MOL)

YUNILAS

Researches

2015

Penelitian Fundamental

EKSPLORASI PENGOLAHAN DAGING FERMENTASI SEBAGAI SALAH SATU GERAKAN MENUJU PRODUK PROBIOTICS FOOD ASAL DAGING

YUNILAS

2025

Penelitian Kerjasama Antar Perguruan Tinggi

Bioaktif Tanaman dan Lemak Terproteksi dalam Ransum untuk Reduksi Metana dan Optimasi Produktivitas Ternak

MARDIATI ZAIN , YUNILAS , DR DESPAL SPT MSC AGR

2023

Ipteks Bagi Masyarakat

Pembuatan Silase Tunggal Berbasis Rumput Gama Umami (Pennisetum purpurem CV. Gama Umami) Sebagai Pakan Ternak

YUNILAS , ERI YUSNI

2018

Industri Sapi Potong Berbasis Kelapa Sawit Dengan Pendekatan Penggunaan Mikroba Lokal

MARUF TAFSIN , YUNILAS

2024

IMPLEMENTASI KITOSAN DAN STEARIN UNTUK PENINGKATAN MUTU DAN UMUR SIMPAN PRODUK HASIL TERNAK

YUNILAS

2013

Penelitian Disertasi Doktor

Uji Kemampuan Bakteri Indigenous Merombak Senyawa Polisakarida (Lignoselulosa) Dari Limbah Perkebunan dan Industri Kelapa Sawit

YUNILAS

2024

Ipteks Bagi Inovasi Kreativitas Kampus

Deteksi Kehalalan Kitin Dan Kitosan Dari Black Soldier Fly (Hermetia Illucens) Yang Dipelihara Pada Berbagai Media Sebagai Agen Edible Coating Produk Peternakan dan Pertanian Menuju Komersialisasi

YUNILAS , ELISA JULIANTI

2024

Deteksi Kehalalan Kitin Dan Kitosan Dari Black Soldier Fly (Hermetia

Illucens) Yang Dipelihara Pada Berbagai Media Sebagai Agen Edible Coating Produk Peternakan dan Pertanian Menuju Komersialisasi

YUNILAS , ERI YUSNI , ELISA JULIANTI

2017

Penelitian Fundamental

PROBIOTIK PLIEK U SEBAGAI BIOAKTIVATOR PAKAN TERNAK BERBASIS LIMBAH SAWIT (SOLID)

YUNILAS

2023

Ipteks

Detection, Identification and Evaluation of Cellulase Enzyme Activity of Cellulolytic Fungi from Pliek U as Cellulose Hydrolysis Agent in Feed

YUNILAS , ERI YUSNI

2013

Penelitian Hibah Bersaing

Penggunaan Probiotik Lokal pada Ransum Berbasis Tongkol Jagung untuk Domba

MARUF TAFSIN , YUNILAS

2018

Penelitian Unggulan Perguruan Tinggi

Biskuit Cracker MOIYL Berbasis Pakan Lokal Sebagai Pakan Probiotik Masa Depan Ternak Ruminansia

YUNILAS

2023

Sinkronisasi Rumen Degradable Protein Dan Rumen Degradable Karbohidrat Dalam Ransum Untuk Meningkatkan Produktivitas Ternak Ruminansia Di Indonesia

MARDIATI ZAIN , YUNILAS , PROF.DR.IR.JASMAL AHMARI SYAMSU,MSi , U HIDAYAT TANUWIRIA

2023

Ipteks Bagi Masyarakat

PEMBERDAYAAN PETERNAK IKAN LELE MELALUI TEKNOLOGI BIOFLOK DI KECAMATAN PATUMBAK

YUNILAS , ERI YUSNI

2021

Penelitian Fundamental

INVENTARISASI KARAKTERISTIK VARIASI MEDIA MAGGOT BLACK SOLDIER FLY SEBAGAI PAKAN ALTERNATIF PENGGANTI TEPUNG IKAN

YUNILAS , TRI HESTI WAHYUNI

2019

Penelitian Unggulan Perguruan Tinggi

Biskuit Cracker MOIYL Berbasis Pakan Lokal Sebagai Pakan Probiotik Masa Depan Ternak Ruminansia

YUNILAS

2022

Ipteks

Salmonella sp. Contamination Detection in Layer Chicken Eggs Traded in Traditional Market of Medan Johor District

YUNILAS , ERI YUSNI

2023

SINGKRONISASI RUMEN DEGRADABLE PROTEIN DAN RUMEN DEGRADABLE KARBOHIDRAT DALAM RANSUM UNTUK MENINGKATKAN PRODUKTIVITAS TERNAK

MARDIATI ZAIN , YUNILAS , UJANG HIDAYAT TANUWIRIA

2025

Pemanfaatan Limbah Pertanian Dan Feses Untuk Media Hidup Maggot (Hermetia Illucens) Sebagai Pakan Sumber Protein Hewani di Peternakan Arjuna Farm

ADE TRISNA , YUNILAS

2016

Pertanian Terpadu Sistem Integrasi Ladang, Sawah dan Ternak Itik Untuk Mendukung Pertanian Organik

YUNILAS , POSMA MANGASI PINTARIA MARBUN , BINTANG

2022

Ipteks

Penerapan Teknologi Budidaya Ternak dan Pembuatan Amfoter Daun dan Pelepah Sawit Pada Peternak Domba Di Desa Talun Kenas Kecamatan STM Hilir

YUNILAS

2021

Ipteks

Pengolahan Kopi Tepat Guna Mendukung Pertanian Berkelanjutan Di Desa Telageh, Sei Bingei, Langkat

AMEILIA ZULIYANTI SIREGAR , YUNILAS

2024

Pengelolaan Limbah Perikanan Sebagai Bahan Pakan Ternak Untuk Meningkatkan Nilai dan Kesejahteraan Kelompok Peternak Unggas di Desa Denai Sarang Burung

YUNILAS

2023

Ipteks

PEMBERDAYAAN KELOMPOK NELAYAN DALAM MEMBUDIDAYAKAN KERANG DARA SEBAGAI PENDAPATAN EKONOMI RAKYAT DI KAMPUNG NELAYAN BELAWAN 1, MEDAN

ADE TRISNA , YUNILAS , ERI YUSNI

2025

Pengolahan Pakan Limbah, Pembuatan Mineral Blok Plus Dan Briket Dari Feses Pada Kelompok Ternak Kapedo di Kecamatan Pancur Batu

YUNILAS

2016

Pertanian Terpadu Sistem Integrasi Ladang, saran dan Ternak Itik Untuk Mendukung Pertanian Organik

YUNILAS , BINTANG

2012

Ipteks Bagi Masyarakat

Teknologi Pengolahan Jerami Padi dan Pembuatan Nutrien Blok serta UMB..

YUNILAS , TRI HESTI WAHYUNI

2022

TEKNOLOGI PENGOLAHAN LIMBAH DENGAN SISTEM ALL OUT DALAM UPAYA MENINGKATKAN BIOSEKURITI LINGKUNGAN, KESEHATAN TERNAK DAN INCOME PETERNAK DI PETERNAKAN ACTIVIST FARM

ADE TRISNA , YUNILAS

Intellectual Property Rights

2021

Rancangan dan karya seni monumental

Feed Additive: Fitobiotik

YUNILAS

2021

Hak cipta nasional

Apakah Konsumsi Telur Dapat Meningkatkan Kolesterol?

YUNILAS

2021

Hak cipta nasional

Manajemen Sapi Potong Modern

YUNILAS

2021

Hak cipta nasional

Evaluasi Sifat Fisik Tepung Maggot (*Hermentia illucens*) yang Dipelihara pada Berbagai Media Feses Ternak

YUNILAS

2021

Hak cipta nasional

Cocktail Inokulum: Inokulum Campuran Sebagai Kultur Starter Fermentasi Pakan

YUNILAS

2021

Paten nasional

PROSES PRODUKSI SILASE RANSUM KOMPLIT JERAMI JAGUNG DENGAN ADITIF MIKROBA SELULOTIK

YUNILAS

2021

Hak cipta nasional

Dadiah Plus Ekstrak Moringga

YUNILAS

2021

Hak cipta nasional

Uji Kecernaan Pakan Dengan Aditif Tanaman Lokal Secara In Vitro

U HIDAYAT TANUWIRIA , YUNILAS , MARDIATI ZAIN , DR DESPAL SPT MSC AGR

2021

Paten nasional

Metode Produksi Garam Jilat Urea Molases Pod Kakao Blok (UMPKB) Sebagai Feed Supplement Ternak Ruminansia

YUNILAS

2021

Hak cipta nasional

Bakteri Lignoselulolitik Dari Limbah Perkebunan Kelapa Sawit Sebagai Kultur Starter Fermentasi Pakan

YUNILAS

2021

Hak cipta nasional

Aplikasi Mikroba Pada Pakan Ternak

YUNILAS

2021

Hak cipta nasional

REKAYASA BERBAGAI PUPUK UNTUK TANAMAN MAKANAN TERNAK : TURI

(Sesbania Grandiflora)

YUNILAS

2021

Paten nasional

METODE PRODUKSI MAGGOT BLACK SOLDIER FLY (BSF) BERBASIS LIMBAH SAYUR SEBAGAI PAKAN SUMBER PROTEIN

YUNILAS

2021

Hak cipta nasional

Cara Praktis Membuat Komposter Dari Drum Bekas Untuk Pengomposan Limbah Dapur (Organik)

YUNILAS

2021

Paten nasional

METODE PRODUKSI GARAM JILAT UREA MOLASES POD KAKAO BLOCK (UMPKB)SEBAGAI FEED SUPPLEMENT TERNAK RUMINANSIA

YUNILAS

2021

Paten nasional

METODE PRODUKSI MAGGOT BLACK SOLDIER FLY (BSF) BERBASIS LIMBAH SAYUR SEBAGAI PAKAN SUMBER PROTEIN

YUNILAS

2021

Hak cipta nasional

Imbangan Rumen Degradable Protein (RDP) Dan Readily Available Carbohydrate (RAC) Secara Invitro Pada Ternak Domba

YUNILAS , PROF.DR.IR.JASMAL AHMARI SYAMSU,MSi , MARDIATI ZAIN , U HIDAYAT TANUWIRIA

2021

Hak cipta nasional

Telur Sumber Protein Terbaik (Padat Gizi, Enak, Murah, Menyehatkan Dan Mencerdaskan)

YUNILAS

2021

Paten nasional

METODE PRODUKSI SUPLEMEN PAKAN BLOK MENGANDUNG SENYAWA BIOAKTIF MENGATASI STRES SELAMA TRANSPORTASI

YUNILAS

2021

Hak cipta nasional

Penentuan Kadar Asam Laktat

YUNILAS

2021

Paten nasional

Metoda Pembuatan Pupuk Cair Pakan Ternak Berbasis Kitosan Cangkang Black Soldier Fly (BSF)

YUNILAS , ELISA JULIANTI

2021

Paten nasional

METODE PRODUKSI SUPLEMEN PAKAN BLOK MENGANDUNG SENYAWA BIOAKTIF MENGATASI STRES SELAMA TRANSPORTASI

YUNILAS

2021

Paten nasional

Metode Produksi Kitosan Cangkang Pupa Black Soldier Fly (BSF) Sebagai Agen Pupuk Cair Hijauan Pakan Ternak

2021

Hak cipta nasional

Implementasi Teknologi Silase Berbasis Limbah Ubi Kayu Aditif Mikroba Selulolitik Indigenous Dan Komposisi Ransum Komplit Suplementasi UMB Pod Kakao Di Kabupaten Batubara

YUNILAS

2021

Hak cipta nasional

Teknik Pengolahan Pakan Hijauan (Berserat)

YUNILAS

2021

Hak cipta nasional

Uji Kecernaan Pakan Dengan Aditif Tanaman Lokal Secara In Vitro

U HIDAYAT TANUWIRIA , YUNILAS , MARDIATI ZAIN , DR DESPAL SPT MSC AGR
