



QUARTERLY RESEARCH PROGRESS REPORT, CY 2022
QUARTER: 3rd Quarter

Research Title: Performance of Organically-grown Rabbits Supplemented with Pelleted Concentrate-mixed Diet at Varying Levels of Fiber Content and Supplementation

I. Study Objectives

1. Assess and evaluate the growth performance of rabbits and *in vivo* digestibility of pelleted concentrate-mixed diet supplement at varying levels of fiber content and supplementation
2. Evaluate the cost and return analysis given pelleted concentrate-mixed diet with varying levels of fiber content and supplementation

II. Relevance to VSU & College's Thrust and Priorities: Relevant

III. Highlights of accomplishments within the quarter

A. Targets for the quarter

- Plant forage crop for the experimental animals and feed formulation
- Arrival of experimental animals
- Start the digestibility and feeding trial
- Formulate concentrate-mixed diet for experimental animals
- Monitor the progress and status of the research

B. Highlights of accomplishments

- Planted forage crops
- Formulated concentrate-mixed diets for the experimental animals
- Experimental animals has arrived
- Conducted dry matter (DM) analysis
- Determined the initial weight of the experimental animals before the trial
- Started the digestibility and feeding trial
- Monitored the progress and status of the research

IV. Physical Report of Operation

A. Research Program

| | Particulars/Name and Brief Description of Utilized/ Commercialized Technologies | Number |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------|
| Outcome Indicator | | |
| 1. Number of research outputs utilized by the industry or by other beneficiaries | N/A | N/A |
| Output Indicator | | |
| 1. Number of research outputs completed within the year | N/A | N/A |
| 2. Percentage of research outputs published in internationally-referred or CHED recognized journal within the year | N/A | N/A |

B. Technologies/Information patented and commercialized

| Technology Invention(s) New Information | Invention Patent Number | Date of Issue | Utilization of Invention | | Name of Commercial Product |
|-----------------------------------------------|----------------------------|------------------|--------------------------|---------|-------------------------------|
| | | | Development | Service | |
| A. Technology Invention(s) | N/A | N/A | N/A | N/A | N/A |
| B. New Information | N/A | N/A | N/A | N/A | N/A |

C. Research papers published (Identify if articles were for Research, Extension, Innovation or MSc/ PhD Studies)

| | Title | Author (s) | Date/Year/Publication/ Publisher | Remarks (if Research, Extension, Innovation, Thesis, MSc/PhD) |
|-----------------------------------------------|-------|------------|-------------------------------------|---------------------------------------------------------------------------|
| a. Refereed Journal | N/A | N/A | N/A | N/A |
| Institutional | | | | |
| National | | | | |
| International | | | | |
| b. Semi-popular publ'n (newsletter, etc.) | N/A | N/A | N/A | N/A |
| c. Popularized publ'n (technoguides, etc.) | N/A | N/A | N/A | N/A |
| d. Book Chapter/s | N/A | N/A | N/A | N/A |
| e. Books | N/A | N/A | N/A | N/A |

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Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

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D. Citation

| Research Output as Cited by Other Researcher(s) in Journal Activities | | | | | | | | | |
|-----------------------------------------------------------------------|-------------------------------------|----------|----------------|-----------------------------------------|------------------------------------------------------|------------------|-------------------------|----------------------|-----------|
| Title of Research Output/ Published Journal Articles/ Book | Title of Journal & Vol. Issue/ Year | Keywords | Researcher (s) | Citation Details | | | | | |
| | | | | Author(s) Who Cited the Research Output | Title of Article Where the Research Output Was Cited | Title of Journal | Vol. / Issue / Page No. | City/ Year Published | Publisher |
| N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | | | | | |

V. Issues, Problems, and Recommendations

During the acclimatization period, the research experienced mortality rate of experimental animals because of the following environmental factors: transportation stress, current surroundings, adjustment feeds, lighting, and installation of plain sheet as receptacles for feces and urine. Some initial feed analysis was not conducted because of lacking chemicals.

From observations, it is recommended to no/dim light inside the housing during night time. In addition, to prevent ammonia suffocation, use the small hole net instead of plain sheet as waste receptacles, and the cages distance from the ground should be 2.5 feet to 3 feet.

Submitted by : JEROME O. ARRIBADO
Study Leader

Endorsed by : DHENBER C. LUSANTA
OIC, Center Director

Date Submitted: October 3, 2022

Received by OVPREI-RPO: _____

Date Received : _____

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