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| **Parent project** | Sustainable poultry, aquaculture and goat farming for economic and nutritional well being of rural communities in Morobe and Madang Provinces (PIP R&D Component 2) |
| **Project type** | Study |
| **Status sort** | Current - ongoing |
| **NARI code** | U10014 |
| **Donor code** | 562-3101-1-22964 |
| **Funds source** | PIP |
| **Budget** | PGK 15,280 |
| **Project name** | Rearing Black Soldier Fly Larvae (BSFL Hermetia illucens) as an alternative source of high protein from regenerating organic farm wastes into feed for fish and chickens (Project U10008: Phase 2) |
| **Name abbrev** | BSFL for feed |
| **Detail** |  |
| **NARI team lead** | A. Roberts |
| **Project team** |  |
| **Partners** |  |
| **Start date** | 2022/03/01 |
| **End Date** | 2023/11/30 |
| **Intended outcomes** | Availability of a low cost protein option to supplement fish and poultry diets; improved productivity of fish and village chicken; |
| **Planned outputs** | 1) BSFL processing and storage of feed requirement for on station trials with known quantities established for feeding trials with an estimated production of >500kg of fresh, dried and processed BSFL meal 2) Attaining nutritional proxies for BSFL for formulated test diets under controlled conditions for fish and chicken feeding experiments |
| **SRF Result area** |  |
| **Base location** | MRC |
| **Project site list** |  |
| **Percent progress** | 50% |
| **Project docs** |  |
| **Progress docs** |  |
| **Final Report** |  |
| **Technical report** |  |
| **Other publications** |  |
| **Usage / Scaling option docs** |  |
| **Comments** |  |
| **Achievement summary** | Achieving mass has been a major challenge, whereas the poultry trial preparations are on schedule; getting over 300kg of dried BSFL has been the major setback. Since the project will end in March 2023, it is proposed that the project implementation plans moved till November 2023 to establish; 1. A BSFL mass production facility 2. Allow for funding to be prioritized for output 2 3. Allow for an extension to the project implementation plan 4. Postponed poultry trials to run in 2024 when there is mass available for testing. |
| **Project photos** |  |