

Monthly Report of September 2024



NEPAL

Beekeeping Initiative,
Project in Palpa
September 27th, 2024



Table of Contents

Executive Summary	1
Objectives for the Reporting Period.....	1
Activities and Progress	1
3.1 Hive Establishment	1
3.2 Monitoring and Data Collection	1
3.3 Bee Population Recovery.....	1
3.4 Challenges and Solutions	2
Plans for Next Month	2
Pilot Project Approach	2
5.1 Objective.....	2
5.2 Goals	2
5.3 Budget Breakdown	2
5.4 Timing for Registration	3
5.5 Seasonal and Environmental Factors Affecting Beekeeping	3
5.6 Optimal Months for Honey Production	3
Logo and Branding	3
Financial.....	4
7.1 Bill.no:1	4
7.2 Bill No.2.....	4
7.3 Bill No.3.....	5
7.4 Bill No.4.....	5
7.5 Salary Summary for July-September (Bir Bal Tamang & Shre Maya Tamang).....	6
Conclusion	7
Appendix	8

1. Executive Summary

During September, the Beekeeping Initiative faced challenges primarily due to the rainy season, which impacted the bee population. Of the 42 available hives, only 22 currently house bees. The remaining hives were left empty, mainly due to external factors such as insect attacks from nearby wild forests and harsh weather conditions. However, our beekeeper, Jeevan, remains optimistic that within the next 3-4 weeks, all hives can be refilled and stabilized. No additional hives were added this month, but we continue to monitor the situation according.

2. Objectives for the Reporting Period

- Monitor and Assess Hive Health: Focus on protecting the remaining hives and preparing for hive restoration efforts.
- Bee Re-population Plan: Enable Jeevan to repopulate all the empty hives over the next few weeks.
- Sustain Hive Health: Ensure existing bee colonies remain healthy despite the season's challenges.

3. Activities and Progress

3.1 Hive Establishment

- No new hives were added this month due to the difficult weather conditions.
- Of the 42 hives, 22 currently house active bee colonies, with efforts underway to repopulate the remaining 20.

3.2 Monitoring and Data Collection

- Regular monitoring of the active hives showed they remain in good condition.
- The empty hives were a result of environmental factors, including insect attacks and heavy rains, which led to colony losses.
- Data collection continues to track hive recovery as repopulation efforts begin.

3.3 Bee Population Recovery

- Jeevan has initiated plans to repopulate the empty hives within the next 3-4 weeks.
- Efforts are being made to protect the current colonies from further insect-related challenges and environmental impacts.

3.4 Challenges and Solutions

- **Rainy Season Impact:** The heavy rains disrupted the beehives, leading to colony losses. To address this, Jeevan plans to repopulate the hives as soon as weather conditions improve.
- **Wild hornets Attacks:** Insect activity from nearby forests contributed to hive disruptions. Organic methods for pest control will be reinforced to prevent further issues.

4. Plans for Next Month

- **Hive Repopulation:** Focus on filling all 42 hives with healthy bee colonies.
- **Continued Monitoring:** Regular health checks for the existing hives and newly repopulated ones.
- **New Additions:** Depending on hive stability, we may consider expanding the hive count in upcoming months.

To help you structure your preplanning for selling honey in the state, here's a detailed breakdown incorporating the provided points:

5. Pilot Project Approach

5.1 Objective

Treat the honey-selling initiative as a pilot project. The purpose is to evaluate the outcomes and decide whether to fully register and expand the business.

5.2 Goals

- Conduct market research to assess demand and potential profitability.
- Set short-term and long-term goals, such as the amount of honey to be sold and target sales locations.
- Allocate a budget to cover costs like packaging, transportation, marketing, and licensing fees.

5.3 Budget Breakdown

- **Beekeeping costs:** Hive maintenance, pest control (e.g., hornet prevention), and garden management.
- **Marketing and branding:** Costs for logo design and packaging.
- **Legal and tax-related expenses:** Registration fees, and tax obligations (estimated minimum yearly tax of NPR 50,000).

5.4 Timing for Registration

- If the results of the pilot project are successful (positive revenue, demand growth), proceed with formal registration.
- Delaying registration is advisable if the pilot outcomes are unsatisfactory, as business sustainability could be challenging under unfavorable conditions.
- Consequences of Early Registration:
- Once registered, you will be subject to annual tax payments, regardless of profit levels, starting at NPR 50,000 per year.
- Hence, premature registration might strain finances if the business does not generate sufficient revenue.

5.5 Seasonal and Environmental Factors Affecting Beekeeping

- Hornet Attacks: Implement pest control methods to protect bees from hornet predation.
- Rainy Season: Plan for reduced honey production during the rainy season, as bees are less active.
- Temperature Conditions: Monitor temperature changes closely as they affect bee activity and hive health.
- Current Garden Status: Focus on enhancing the garden for optimal bee health, with plants that support honey production.

5.6 Optimal Months for Honey Production

- May and October: These months have been identified as optimal based on past reports. For example, May's production report was exceptional, and expectations are high for October.

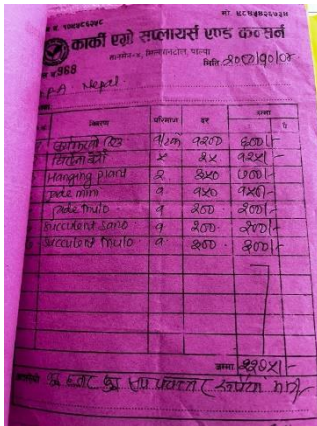
5. Logo and Branding

- Logo Design: Subani, a former PA Nepal volunteer and graphic designer, has been tasked with creating the logo and packaging design.
- Timeline: The graphic designer has requested additional time to complete the designs.
- Registration Name: Consider aligning the business name and branding with the values and unique aspects of the initiative, such as sustainable beekeeping or eco-friendly practices.

This plan will allow you to assess the viability of the honey-selling business while minimizing financial risks. For now, focus on tracking the outcomes of the pilot project, refining the product and process, and then proceed to registration if results are favorable.

7. Financial

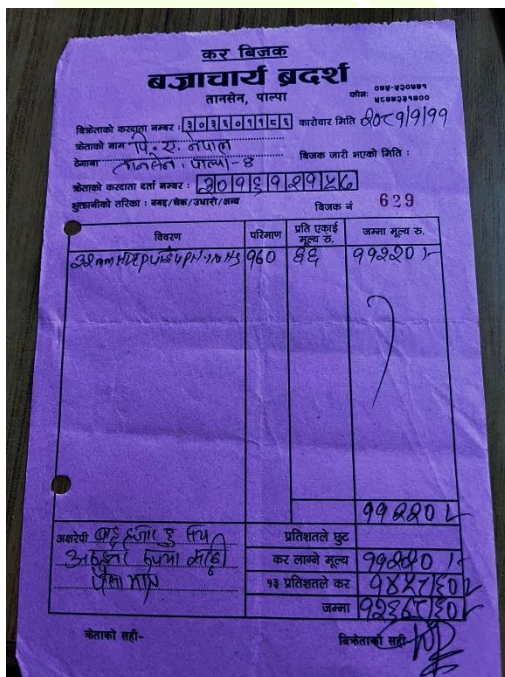
7.1 Bill.no:1



Item	Quantity	Price per Unit (NPR)	Total Price (NPR)	Purpose
Sunflower Seeds	0.5	1200	600	Garden decoration for bee area
Ficus Plant	5	25	125	Biodiversity improvement for bees
Hanging Plants	2	350	700	Bee habitat enhancement
Jade Mini	1	150	150	Drought-tolerant garden support
Jade Radish	1	200	200	Bee habitat sustainability
Succulent small	1	200	200	Low-maintenance garden support
Succulent Radish	1	300	300	Bee habitat sustainability
Total			2275	

This table summarizes a set of purchases aimed at enhancing a garden area, with a particular focus on bee habitat support and sustainability. The items include sunflower seeds, various plants (Ficus, Hanging Plants, Jade, and Succulent), and specialized items like Jade Radish and Succulent Radish. These were selected for purposes such as garden decoration, biodiversity improvement, drought tolerance, and low-maintenance sustainability. The total expenditure for all items amounts to NPR 2,275, with each item contributing to the overall goal of creating a bee-friendly and resilient garden environment.

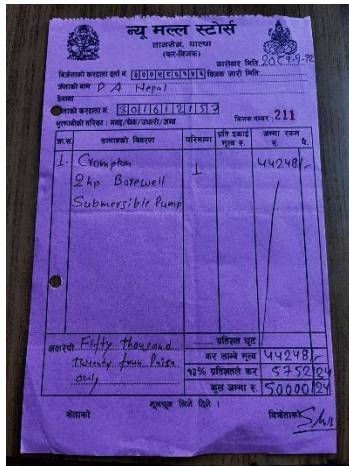
7.2 Bill No.2



Item	Quantity	Price per Unit (NPR)	Total Price (NPR)	Purpose
32mm HDPE Pipe	160	66	11220	Water supply for garden irrigation to support bee habitat
including 13%Vat			1458.6	
Total			12678.6	

This table outlines the purchase of 160 units of 32mm HDPE pipes, each priced at NPR 66, with a total cost of NPR 11,220. The pipes are intended for water supply to support garden irrigation, aiding in the sustainability of a bee habitat. After including a 13% VAT, the total expense amounts to NPR 12,678.6. The focus of this purchase is to ensure adequate water supply for the garden, promoting a bee-friendly environment.

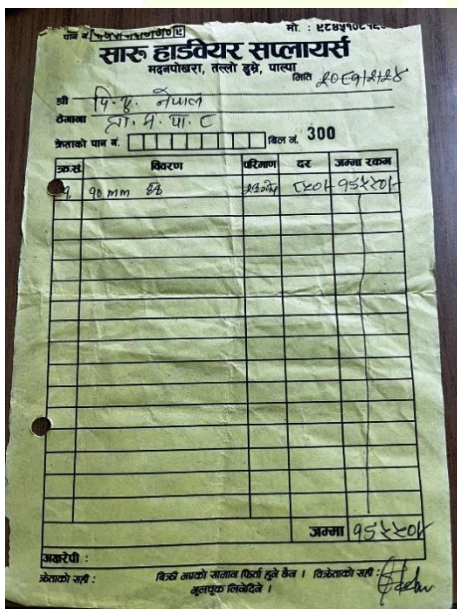
7.3 Bill No.3



Item Description	Quantity	Price per Unit (Rs)	Total Amount (Rs)	13% VAT (Rs.)	Grand Total (Rs.)
Crompton 2hp Borewell Submersible Pump	1	44248	44248	5752.24	50000.24

This "Crompton 2hp Borewell Submersible Pump" is essential for providing a consistent water supply to the floral garden in the beekeeping project. The garden, which supports the bees with nectar and pollen, requires regular irrigation to thrive, and this pump will ensure the plants stay healthy, especially during dry periods. A well-maintained garden is crucial for the bees' nutrition and the overall success of the beekeeping initiative.

7.4 Bill No.4



S.No	Descriptio	Quantity (kg)	Rate (NPR/kg)	Amount (NPR)
1	10 mm Rod	23	850	19500
	Total			19500

This invoice is for the purchase of a 10 mm rod, weighing 23 kg, at a rate of NPR 850 per kg, amounting to a total of NPR 19,550. The rod is intended for constructing a sturdy stand to support the beehives in the beekeeping project. A strong and stable frame is crucial for holding the beehives securely, ensuring they remain safe and well-positioned in the apiary. This setup will help create a more organized and efficient environment for the bees, contributing to the overall success of the project.

7.5 Salary Summary for July-September (Bir Bal Tamang & Shre Maya Tamang)

Month	Staff Nam	Amount (NPR)
July	Staff 1	15000
July	Staff 2	15000
August	Staff 1	15000
August	Staff 2	15000
September	Staff 1	15000
September	Staff 2	15000
Total		90000

The monthly salary payments made to Bir Bal Tamang (Staff 1) and Shre Maya Tamang (Staff 2) for the months of July, August, and September. Each staff member receives a salary of NPR 15,000 per month. In July, both Bir Bal Tamang and Shre Maya Tamang were paid NPR 15,000 each, amounting to a total of NPR 30,000 for that month. The same payments were made for August, with both staff members again receiving NPR 15,000 each. Similarly, in September, the same amounts were disbursed to both, with each receiving NPR 15,000. The total salary paid over the three months to both staff members combined is NPR 90,000, with each staff member receiving NPR 45,000 during this period.

8. Conclusion

Despite the challenges posed by the rainy season and external factors like wild hornet attacks from nearby forests, the Beekeeping Initiative has shown resilience. Of the 42 hives, 22 remain active, and there is optimism that the remaining hives will be repopulated within the next 3-4 weeks. Regular monitoring and protective measures are in place to safeguard the hives from further insect attacks. Moving forward, the focus will be on repopulating the hives, maintaining hive health, and potentially expanding once stability is achieved. Additionally, financial investments in infrastructure, such as irrigation systems and beehive stand, and the pilot honey sales project will help assess the long-term viability of the initiative while minimizing risks.



9. Appendix

Raining Season



Bees' images





