

PROSHIKA Honey & Mustard Oil Production and Marketing Program

PROSHIKA Honey & Mustard Oil Production and Marketing Program is one of the most promising, environment friendly and income generating activities. Honey Production Program can earn more in less time with less investment. PROSHIKA honey produces in the *Apis mellifera* process. This species produces more honey and is less susceptible to disease, is easy to manage and can produce honey in small areas with less labor and less capital. In the past, honey was produced by keeping serena or native species of bees. This type of colony can produce maximum of 10 kg of honey in this process, whereas an *Apis mellifera* colony produces an average of 60 kg of honey. Considering all the above aspects related to beekeeping, Bangladesh Agricultural Research Council (BARC) approved a simpler and more profitable beekeeping technology developed by PROSHIKA for honey production and included it in their technology package. This technology is now being widely imitated by various companies across the country. PROSHIKA honey is collected from local litchi flower, mustard flower, coriander/black cumin flower, Mangrove Flower (Sundarban) and various flower sources of nature.



Bee colonies

PROSHIKA bee colonies were established in Tengra, Tepi Bari, Mauna, Gazipur, Manikganj, Tangail, Faridpur, Madaripur and Rajbari during financial year 2023-2024. From these areas, bees can collect pollination and pollen from various flowers in nature and the condition of bees in these areas was satisfactory. But in the current fiscal year 2023-2024, a bee farm has been set up in the training development area of Manikganj for maintenance facilities. Presently, the condition of the bees is very satisfactory as the polling and light amount of nectar can be collected from various flowers of the nature in this area and the bees can roam around properly. Further expansion of Bee-Colonies is in progress. It is expected that honey production will be qualitative and quality in the future with the currently adopted method.

Frame number of current bee colony

Type	Existing June'24	Growth Plan July '24 -Dec31st	Achievement July'24-Dec 31st	Percentage %	Total
Bee colony (including bees)	90	50	60	100	150
Program staff	4	-	-	-	4



Collections Honey from Mustard Flowers

Due to various natural calamities, the number of bees in bee colonies decreases at a high rate. As a result honey production also decreases at a proportional rate. Honey production of black cumin and coriander flowers decreases due to untimely heavy rainfall.

The progress of this program during 1st July 2024 to 31st December 2024 is shown in the table below.

Honey Selling from 1st July 2024 to 31 December 2024 :

Type of honey	Target	Achievement	Percentage
Honey form mustard flower	3000 kg	2993 kg	99.7%
Honey from coriander/black Cumin	1100 kg	1077 kg	97.9%
Honey form Lychee flower	1100 kg	1078 kg	98%
Honey from Mixed flower (Sundarbon)	160 kg	143 kg	89%
Total	5360 kg	5291 kg	98.7%

PROSHIKA Mustard oil seeds collect from various place in Bangladesh like as Manikganj, Sirajganj and Tangail and collect Mustard oil seed from PROSHIKAs organized farmers. PROSHIKA has an oil mill for crushing the mustard seeds and produced mustard oil and sale it in open market. PROSHIKA mustard oil processed in hygienic way through its own distillation system.



Proshika Mustard oil and honey processing plant

Selling and Achievement

Type	Selling. Target	Achievement	Percentage
Mustard oil	3500 kg	3310 kg	94.5%

PROSHIKA Honey and Mustard oil is approved by Bangladesh standards and Testing institution (BSTI).