

Brief Interim Report

Status of Bamboo Polyhouse from Balapur and Ramkhind villages of Palghar district

Project of IITB and BAIF-Pune

23 April 2021

1. Current Highlights:

In the 3rd week of February, we finished the construction of a Bamboo polyhouse at Balapur village. After the construction of the polyhouse, we did soil preparation activities, and then the cultivation of saplings and sowing of vegetable seeds was done. After this, the cultivation under polyhouse at Ramkhind was undertaken and completed in the 1st week of March.

After almost seven weeks from cultivation, beneficiaries of bamboo polyhouse have now started harvesting the vegetables. The following are the pictures received from the farmers @ Ramkhin–

Images from Ramkhind site captured on 22nd April 2021:





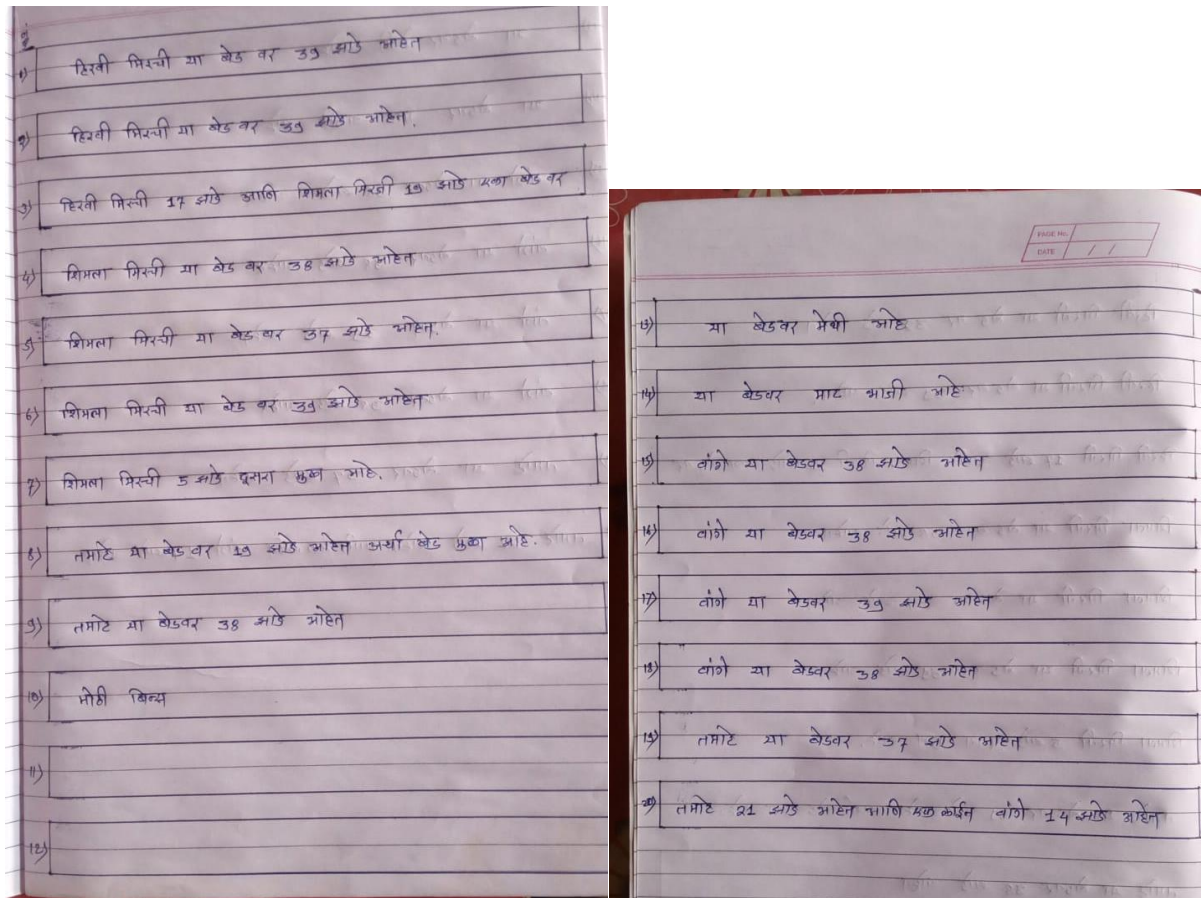
Fig 1: Images of Vegetables inside Bamboo Polyhouse, Village Ramkhind



Fig 2 : Images inside Bamboo Polyhouse from Balapur site captured on 13th April 2021

2. Crop plan inside bamboo polyhouse –

The following figures shows the crop plan recorded by the farmer on data collection register provided to him:



Tablw 1 below shows the distribution of the vegetables over 20 beds:

Sr No	Vegetable	No of beds
1	Chili	2
2	Capsicum	3
3	Radish	2
4	French beans	2
5	Tomato	4
6	Leafy vegetable (Fenugreek and spinach)	2
7	Leafy vegetable (Amaranth leaves)	1
8	Brinjal	4

3. Selling of the surplus:

The farmer from Ramkhind informed the selling of surplus from Bamboo-Polyhouse as shown in Table 2.

Table 2 : Revenue from Selling Surplus Vegetables

Sr No	Vegetable	Quantity	Selling price
1	Spinach	4 Kg	Rs. 10 / 800 gram bundle
2	Amaranth (Mat)	4 Kg	Rs. 10 / 800 gram bundle
3	Raddish	13 kg	Rs. 10/ 820 gram bundle

Due to the pandemic farmer informed that he is not able to sell the produce at urban market. And now he is selling the surplus at village level.

4. Conclusion of the Interim Report

Once more Data becomes available, it will be compiled by IITB and BAIF Team and will be communicated by end-June 2021.