

ESTIMATED COST OF CULTIVATION FOR JIHAJI VARIETIES (₹ / 10 NOS OF PLANT)

Common cost of cultivation				
Sl. No	Operation	Inputs	Rates/ Unit	Cost (₹ / 10 Nos. of plant)
1.	Labour for cutting and planting	1 Man day	120	120
2.	Harvesting	1 Man day	120	120
3.	Misc.		150	150
			Total	390

BENEFIT: COST RATIO (BCR)

$$\text{BCR} = 6000/390 \times 100 = 1500$$

Therefore, we can conclude that the benefit cost ratio for 10 Nos. of banana plant is ₹1500/-

ESTIMATED COST OF CULTIVATION FOR MON VARIETIES (₹ / 10 NOS OF PLANT)

Common cost of cultivation				
Sl. No	Operation	Inputs	Rates/ Unit	Cost (₹ / 10 Nos. of plant)
1.	Labour for cutting and planting	1 Man day	120	120
2.	Harvesting	1 Man day	120	120
3.	Misc.		150	150
			Total	390

BENEFIT: COST RATIO (BCR)

$$\text{BCR} = 5000/390 \times 100 = 1300$$

Therefore, we can conclude that the benefit cost ratio for 10 Nos. of banana plant is ₹1300/-

Indigenous Method of Banana Propagation



**Bio-Resources Development Centre
5½th Miles, Upper Shillong
Meghalaya-793009**

INDIGENOUS BANANA

Rasong village - located in the sub-tropical agro-climatic zone of East Khasi Hills District, around 30 km from Shillong, the commercial crop of the region are local banana, papaya and broom grass.

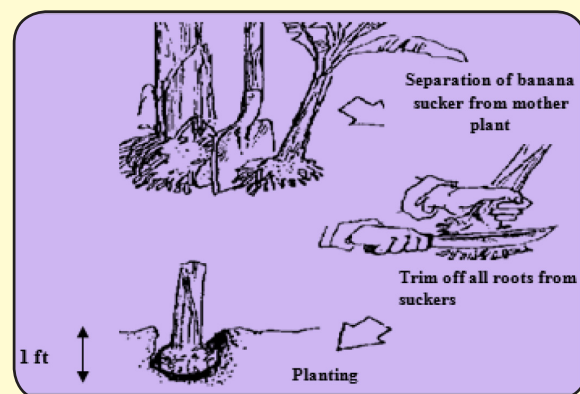
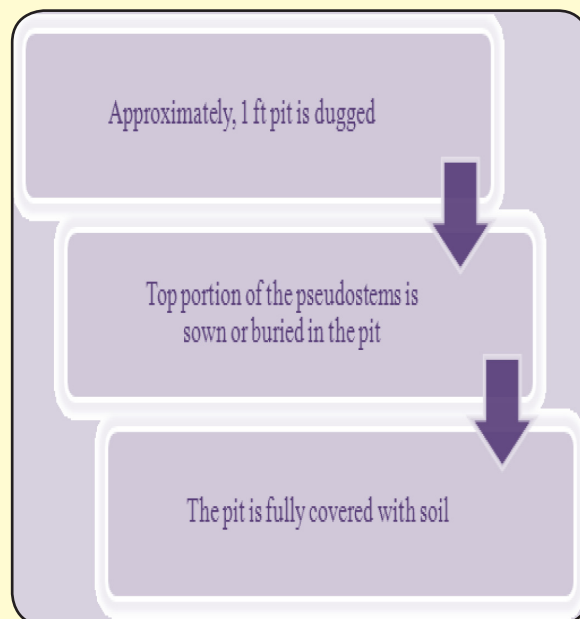
Bananas are edible fruits, botanically a berry, produced by several kinds of large herbaceous flowering plants in the genus *Musa*. The fruit is variable in size, colour and firmness, but is usually elongated and curved, with soft flesh rich in starch covered with a rind which may be green, yellow, red or brown when ripe.

Banana varieties-

- Kait Khaji
- Kait Khar
- Kait Mon/ Khyllung
- Kait Tyngka

However, Kait khaji and Kait Mon have more commercial values.

Indigenous sowing of banana- developed by the ancestors of the village themselves which is being transferred to the next generation both verbally and practically.



Minutiae	
Sowing time	March- May
Cropping system	Mixed cropping with broom grass and papaya
Inter-cultural practice	Not required
Harvesting	2 years after sowing
Average fruit yield	5 Bunches / tree / lifespan (15-20 bananas / bunch)
Pest	White grubs (Infest the pseudostem but not the fruit)
Pest management	Bordeaux mixture* (only in extreme infestation) Mode of application- Direct application in the pseudostem
Post harvest management	For fruit ripening: Leaves used- a) Lakhar b) Lashit c) Lamet d) Lakait Time taken for ripening: Winter : 4-5 days Summer : 1-2 days
Market price	₹ 80-100 / bunch (Kait Khaji) ₹ 60-80 / bunch (Kait Mon)
Market	Week days : Laitlum Market days: Smit