

MAI

Scientific name : *Cucurbita moschata*

Mizo : Mai

Hindi : Kaddu

English : Pumpkin

Sik leh sa leh a leilung duhzawng :

Ram lum leh hnawng tamna nisa thatna hmunah a tha duh hle a, Temp 18 - 30°C ah a tha duh ber. Vur a tuar theilo hle bawk. Eng leiah pawh a chin theih a, leidur thatna hmun luiipui dungah te a tha duh hle. Lei thur a ngaithei lova pH 5.5 - 7.0 ah a tha duh ber

A chin hun :

Mai hi nipui lain an ching deuh ber \hin a, mahse thlasik natlohna hmunah chuan kum tluanin a chin theih thung. A chin hun tlangpui chu :

Tlang ram : April - may

North Indian Plain : February - March

West Bengal : April - May

Tamil Nadu : July – August

Leilung buatsaih dan :

Leilet chu vawi 4 - 5 vel lehphut tur a ni a, FYM 25 - 35 ton / Ha lehnnan tur a ni. NPK Fertilizer erawh chu a leilung a zirin a mamawh dan a danglam. P, K dose khat leh N dose chanve chu leiah lehnnan tur a ni a. N chanve dang chu hmunthumah thenin tuh atang a ni 20, 40, 60 hnuah pek leh tur a ni. Tlumpi leh cutworm (Thlai tiaktir sehbungtu)- te vennan Carbaril @15 - 20 kg / Ha leiah lehnnan tur a ni. Mai chi (seed) chu Captan @2gm / 1 lt of Water-ah darkar 3 – 4 chhung chiah bawk tur a ni.

OffSeason Cultivation :

Mai hi thlasik leh thal thlai lai pawhin hlawhtling takin a chin theih a, mi thar zawh hnuah pawh ching thar lehin hlawk takin a thar leh theih a ni.

A seng :

Chin a tang a ni 75 - 80-ah a leilung leh a variety a zirin a thar theih a, Ha 1-ah 250 -400 Qntl a thar theih.

Table: Cost of cultivation pumpkin

Sl. No.	Agronomic Practices	Amount/Number	Rate/Unit (Rs.)	Total Cost (Rs.)
1.	Land Preparation	2 ploughings	1500/ha	3000.00
2.	FYM Amount of FYM Scattering of FYM & initial dose of fertilizer Mixing of FYM	15 tonnes 15 mandays Once	600/t 130/manday 1500/ha	9000.00 1950.00 1500.00
3.	Cost of seed	6kg	500	3000.00
4.	Sowing of seeds	15 mandays	130/manday	4500
5.	Intercultural operations	50 mandays	130/ mandays	6500
6.	Cost of Fertilizers Urea DAP MOP	145kg 130kg 67kg	Rs4.83/kg Rs 9.35/kg Rs4.26/kg	700.00 1216.00 285.00
7.	Plant Protection Measures	-	-	5000.00
8.	Cost of Harvesting & Marketing Harvesting Cleaning, grading & packing Packing material	20 mandays 6 mandays Baskets, crates, gunny bags etc. 300q.	130/ mandays 130/ mandays - 25/q.	2600.00 780.00 - 7500.00

9.	Transportation charges			5000.00
10.	Miscellaneous			5000.00
11.	Total			57531.00
12.	Interest on working capital @ 12% p.a. for 6 months			3452.00
	Total cost of Cultivation			60983.00
	Gross Returns (Rs./ha.)	300q	500/q	1,50,000
	Net Returns (Rs./ha.)			89017.00
	Benefit-Cost Ratio			1.46