

- Isoproturon @ 0.5 a.i kg/ha a chi tiah hmaa kah tur.
- 2,4-D @ 0.5 a.i kg/ha a chi tiah tawh hnu a kah tur.

### Rannung leh natna laka enkawl dan

- Finger millet te hi rannung- a kung bawmtu pangang, a rah bawmtu pangang kan tih te hian an ei chhe nasa em em a. A rah a insiam hunlai hian an ei duh bik a, chu chuan fungi natna kan tih a rawn thlen leh a ni.
- Rannung laka ven nan Dimethoate (0.05%), Monocrotophos (0.04%) kan hmang thin a ni.
- Natna laka ven nan seed treatment Carbendazim 2g/kg seeds a hman theih.
- Chumi bakah chuan natna tuar thei variety VL Mandua 348 leh VL-379 an ching thin.

### A seng dan leh thar zat

- Finger millets thlai chu a hmin tih kan hriatna chu a kung leh a chui rawng chu a hring atanga a uk-ah (green to golden brown ) a in thlak thin.
- A thar rang ho chu ni 95-105 ah a seng theih a, a dang leh chu ni 110-125 hnuah a saeng theih leh a ni.
- Finger millets te chu hectare hmun khat zau ah hian 25-30 quintal a thar thei a ni.



## Millets (Climate Smart Crop)



**Published by:**  
**Krishi Vigyan Kendra Kolasib, Kolasib District,**  
**Department of Agriculture, Govt. of Mizoram**

**For further details and information, contact:**  
**Dr. Michelle C. Lallawmkimi**  
**The Senior Scientist & Head**  
**Krishi Vigyan Kendra**  
[email@kvkkolasib@gmail.com](mailto:email@kvkkolasib@gmail.com)

**Prepared by:**  
**Mr. Zohlunpuia**  
**Subject Matter Specialist (Agronomy)**  
**KVK Kolasib, Kolasib District**  
**Mizoram**

## Finger Millet

SN: *Elusine coracana*

- Finger millet hi buhtun kan tih te zinga an chin uar pawl tak a ni a, a chi chu an ei mai bakah a kung hi ran chaw (fodder) atan an hmang bawk a ni.
- He thlai hian a tui mamawhna (water requirement) a tlem em em a. A chin hun chhung hi ni 90-120 chauh a nih avang hian sik leh sa, boruak inthlak danglam zung zung (climate change) kan tih te hian a nghawng ve lo a, khaw kheng (draught) kan tih te a tuar theih em avang hian “Climate resilient crop” tia koh an ni.
- Finger millet te hian buhtun ho bikah chaw tha Calcium (344mg/100 grain) a nei sang hle a. Iron leh Zinc te nei tha, dietary fibre tha tak a ni a, a pai a nuam a, kan taksa tan chaw tha tak a ni.
- Thisen sang, zunthlum leh lung lam natna (heart disease) nei te tana chaw tha tak a ni.
- A chakna pai tlangpuite chu:

	65-75%
Protein	8%
Dietary fibre	2.5-3.5%
Calcium	344 mg/100 grain

A chin dan tlangpuite –

### Sik leh sa

- Finger millet te hi boruak lum mamawh thlai niin, sik leh sa 22-25°C leh 30-34°C vel a chi

a rawn to atanga a seng hun thleng hian an mamawh a.

- Tuipui zawl atanga 2100 meter-a sangah chin tlangpui niin, ruahtui tlak tam lam (1000 mm) hmunah an ching thin a ni.
- Finger millet te hi short day plant an ni.

### A lei sawng bawl dan

- Finger millet te hi khawi leiah pawh a to tha duh hle a, lei ruahtui leh tui tling a awm pawh a in paih kang zung zung theihna hmun, lei dur tha deuhah a thang duang duh bik.
- Lei thur dan atanga teh a, pH 6-8 ah a tha duh hle.
- Finger millet te hian tui tling (water logging) kan tih hi a tuar thei lo.

### A chin hun

- May-July thlaah an ching tlangpui.
- September-October thlaah an ching thin bawk a. Amaherawhchu, hemi hunah hi chuan a tui mamawh tawk pek ngei ngei a ngai thung.

### A chin dan

- A chinna tur hmun chu kan chehphut leh hai rual zawhah a kar lam hlat zawng 22.5-30 × 10 cm zuah tur a ni.
- A chi chu 2-3 cm a thuk ah tuh tur a ni.

### A chi mamawh zat

Hectare hmun khat zauah 8-10 kg hman tur a ni.

## A lei tha mamawh dan

- Hectare khatah bawngek lei tha tonne 7-10 chu lei nen chawhpawlh tur a ni.

Thlai mamawh zat	
	Kg/ha
N	40
P <sub>2</sub> O <sub>5</sub>	20
K <sub>2</sub> O	20

- Nitrogen chanve, P<sub>2</sub>O<sub>5</sub> leh K<sub>2</sub>O pum chu a chi tuh rual a pek vek tur a ni.
- A bang Nitrogen chu tui pek leh hmasa ber ruala pek tel tur a ni. Hemi bakah hian *Natural farming* hmanga lei tha kan pek dawn chuan
- Jeevamrut (bawng ek leh bawng zun hmanga lei tha siam) litre 1 chu tui litre 4 nen a chawhpawlh in, a bi ah leih luh emaw spray tur a ni.

### Hlo laka enkawl dan

- Finger millet kan chin na tur hmun chu hlo lakah a fai hle tur a ni a, hlo te hian finger millet ei tur chaw tha lei a mi a chuh pui mai bakah, a chaw siamna tur a pawimawh em em ni zung a dawn tur te a dip thei a ni.
- Hlo hi fai takin Finger millet chi kan thlak atanga ni 15-20 ah thlawh fai tur a ni, a vawi hnihna chu kan thlawh hmasak zawk atanga ni 15-20 hnuah.