

## Natna laka enkawl dan (Disease management)

- Foxtail millet te hi blast, rust leh brown spot natna te hian a bei nasa thei hle a. Heng natna te hian a kung te, a hnah te a bei nasa bik a. A enkawl dan chi hrang hrang te chu:-
- **Blast:** Carbendazim @ 0.1% emaw Tricyclazole @0.05% a kah tur.
- **Rust:** Rust natan lakah chuan Mancozeb @ 0.2% hman tur.
- **Downey mildew/ Green ear:** Ridomil @ 6g/kg seed (a chi chiah tur)



1. Blast

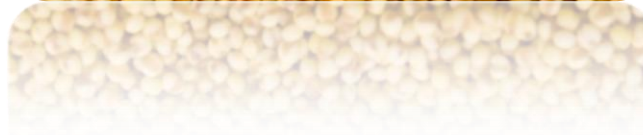
2. Green ear

## Rannung laka enkawl dan (Pest management)

- Foxtail millet te hi shoot fly (a kung bawmtu rannung) te hian a tiah hnu atanga kar rukna thleng hian an bawm duh hle a. Shoot fly ten an ei nasat avangin a kung pui chu lo ro in “dead heart symptoms” kan tih mai hi alo lang chhuak thin a. A peng insiam hunlai (tillering) a an bawm nasat chuan a chi insiam tur awm mumal loin, a thar chhuah lamah a nghawng thei a ni.
- Hemi laka ven nan a chi hi Imidacloprid @ 10-12 ml/kg seed a chiah tur ani
- Carbofuran (Furadan 3G) hi a chi thlakna/tuhna khurah thlak tel ngei ngei tur a ni.

## A seng dan leh thar zat (Harvesting)

- Foxtail millet te hi a variety azir in ni 80-90 ah an thar tlangpui thin a.
- Hectare hmun khat zau ah hian 20-25 quintal a thar thei a ni.



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*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)*



## Foxtail Millet



*Prepared by:*

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

## Foxtail Millet

BN: *Setaria italic L.*

- Foxtail millets hi buhtun (millets) ho zingah chuan an chin hmasak ber te zing ami a ni a. Asia, Africa leh America ramah te nasa lehzualin an ching tlangpui.
- He thlai thatna bik te chu- a tui mamawhna a sang lo em em a (300 mm), a chin hun chhung a rei loh mai bakah (ni 80-90), khaw kheng (draught) tuar thei thlai an nih avang hian “**Climate Resilient Crop**” tia koh an ni.
- Foxtail millets te hi taksa tana chaw tha, chakna pai tam a ni a. Chumi bakah chuan a kung leh a si te hi ran chaw (fodder) leh sava chaw atan te an hmang nasa em em bawk.
- Thisen sang leh zun thlum neite tana chaw tha tak a ni a. Chakna hrang hrang- vitamins, minerals , protein leh calcium te a pai hnem a. Dietary fibre tha tak a neih avangin pai tawih a nuam a, thau chhia leh calories tam tak a pai ve lo a, taksa tana chaw tha tak a ni.
- Antioxidant property neiin taksa a timur (cells) chhia te a siam tha a ni.

A chakna pai te chu:-

Nutritional components	Value per 100 g
Carbohydrate	331 KCal
Protein	12.3 g
Dietary fibre	3 g
Fat	4.3 g
Vitamin A & E	32 mg
Calcium	31 mg
Iron	2.8 mg

A chin dan tlangpui te –

### Sik leh sa (Climate & temperature)

- Foxtail millet te hi khaw lum mamawh thlai an ni a.
- Khaw kheng (draught) tuar thei thlai ti a hriat lar an ni.
- Tuipui zawl atanga 2000 meter a sang ah an ching tlangpui thin a.
- Ruahtui tam lam teh a 500-700 mm dawng pha chin leh a chung lam hmunah te a chin theih.

### A lei sawng bawl dan (Soil requirement)

- Foxtail millet te hi lei chhia (lei khawro leh chakna pai tam lo) ngam tak thlai a ni a. Nimahsela, lei thawl tha leh dur tha, ruahtui emaw tui tling a awm pawh a in paihfai zung zung theihna leiah a than a tha duh bik em em a.
- Foxtail millet te hian tui tling (water logging) nasa lutuk an tuar thei lo.

### A chin hun (Sowing time)

- Ruahtui a chawm tur chuan May-June thla tir lamah an ching tlangpui thin a.
- Tui pek tur a awm erawh chuan July-August-ah pawh a chin theih bawk.
- India ram hmun thenkhat (Tamil Nadu) lamah te chuan thlasik (September) ah te pawh an ching bawk a ni.

### A chin dan (Methods of sowing)

- Mizo-in tlang rama kan lo neih danah chuan a chi te hi kan theh tlangpui thin a. Amaherawhchu, a chi renchem nan a bi/ khur zelah thlak thin tur a ni.
- Hmun zawl a kan chin dawn chuan a chinna tur hmun chu kan cheh phut vek hnuah a kar lam hlat zawng chu 30 cm (a line inkar) × 10 cm (a kung inkar) zuah a, chin thin tur a ni.

- Foxtail millet chi te chu 2-3 cm a thuk ah tuh/thlak tur a ni.

### A chi mamawh zat (Seed rate)

- Hectare hmun khat (Tin 2<sup>1/2</sup>) a zau-ah a chi 8-10 kg vel hman tur a ni.
- Natna in a bawm loh nan a chi chu Carbendazim @ 2g/kg emaw Ridomil @2g/kg seed a chiah thin tur a ni.

### A lei tha mamawh dan (Fertilizer requirement)

- Bawngkek leitha hi 5-10 tonnes hectare khatah lei nen uluk taka chawhpawlh tur a ni.
- Fertilizer hi 40 kg Nitrogen, 20 kg P<sub>2</sub>O<sub>5</sub> leh 20 kg K<sub>2</sub>O te hectare khat atan he thlai hian a mamawh a.
- A chi thlak hmain 20 kg N, 20 kg P<sub>2</sub>O<sub>5</sub> leh 20 kg K<sub>2</sub>O pek tur a ni.
- Nitrogen bang 20 kg chu a chi thlak atanga ni 30 hnuah pek leh tur a ni.

### Hlo laka enkawl dan (Weed management)

- A hun taka hlo thloh that hian a thlai thar zat thleng hian nghawng nasa tak a nei thei a. Hlo leh hnim te hian thlai tana chaw tha te lo ei khalhin, a to na tur hmun te a dip nasa thei em em a.
- Foxtail millet te chu a chi kan thlak atanga ni 20-na leh ni 40 hnuah a chinna hmun chu fai taka thloh fai tur a ni.
- Isoproturon @ 0.5 a.i kg/ha hi a chi tiah hmaa kah in hlo lakah a ven theih.
- 2,4-D @ 0.5 a.i kg/ha a chi tiah hnuah kah tur a ni.