



STATE
BAMBOO
MISSION
MIZORAM
Department of Horticulture



MAU



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MAU

Mizoram hi mau ah hian kan hausa em em a, kan ramngaw zawng zawng 30% hi chu mau hmun vek ni a ngaih theih a ni (Anon., 2009). India ram bikah hian Mau hi chi hrang hrang (different species) 150 vel a awm a, chung zing a 58 te chu Hmarchhak (North East India) a awm te an ni hlawm. Mizoram-ah hian mau chi hrang kan nei ngah lutuk lova, chi hrang 37 vel hi Mizoram tual to ni a ngaih theih a ni.

Mau (Bamboo) kan tih zingah pawh hian Mautak (*Melocanna baccifera* Kurz) hi tam berin Mizoram mau zawng zawng 90% hi Mautak a ni. Mizoram boruak leh leilung hi mau hian a ngeih em em a, mau pawh chi hrang tam tak awm in, a then thlasik a hnah tla kawlh chi leh hna tla lova hring reng chi pawh an awm nual a. Tropical rainforest in a huam chhung a kan awm vang ni in a ngaih theih. Mau hi 100 – 2000 m inkar vel a hmun sang ah an tha duh a. Mau hi chi hnih hlawm liam tak tak ah a then phawk theih a – (1) a hung a awm chi / sympodial leh (2) a mal a awm chi / monopodial. Monopodial ang chi ho (Mautak) hian 90% vel lai an awh laiin Sympodial chi (Rua) hian 10% vel chauh a awh thung. National Bamboo Mission hmalak-na in Mizoram-ah pawh mau chin beihpui thlak thin a ni a. Mau chi thar 6 lai chu ram dang atangin Mizoram-ah lakluh a en chhin an ni hlawm a, chung te chu – *Bambusa balcooa*, *Bambusa nutans*, *Bambusa arundinacea*, *Dendrocalamus asper*, *Dendrocalamus giganteous* leh *Phyllostachys bambusa* te an ni hlawm. Mizoram chhung a mau hmun in a awh zat chu 6118 Sg. Km lai a tling pha a ni (Anon., 2009).

Mizoram a mau chi hrang kan neih pawimawh zual chu a hnuai a mi ang hi a ni

Sl. No.	Botanical Name	Mizo Name	Status
1	<i>Bambusa tulda</i>	Rawthing	Hmuh tur a tam
2	<i>Dendrocalamus hamiltonii</i>	Phulrua	Hmuh tur a tam
3	<i>Dendrocalamus longispathus</i>	Rawnal	Hmuh tur a tam
4	<i>Melocanna baccifera</i>	Mautak	Hmuh tur a tam hle
5	<i>Schizostachyum fuschianum</i>	Rawngal	Hmun sang-ah hmuh tur a awm
6	<i>Schizostachyum polymorphum</i>	Chal	Hmuh tur a tam
7	<i>Sinarundinaria falcate</i>	Lik	Reiek leh Chalfilh ah an awm.
8	<i>Sinarundinaria longispiculata</i>	Phar	Phawngpui velah hmuh tur a awm.
9	<i>Bambusa vulgaris</i>	Vairua / Vaimau	Hmuh tur a awm
11	<i>Bambusa nagalandiana</i>	Rawthing tial	A vang hle
12	<i>Dendrocalamus sikkimensis</i>	Rawmi	A vang hle, hmun sang-ah hmuh theih.

Mau hi hman tangkaina tam em em a. Pi leh pu atang tawh in tangkai takin kan lo hman tawh a, tun thleng hian mau tello a khawsak chu a la harsa fat a ni. Mau hi khawvel a thlai thangchak ber a nih avang hian rem thei lo ang mai a ngaihna a awm niin a hriat. Tun dinhmun a hnam dangin kan mau an lak dan leh an duh duh dan a an han sat tawp tawp mai hian kan mau din hmun hi a ti der thawng hle a. Duh tawh a mau an lak tawhna hmun ah chuan mau a rem duak duak mai thin hi a pawh hle a, kan than harh vat a ngai a ni. Mau hi awmze nei tak a lak a nih chuan a rem mai mai lova, tangkai tak a hman chung si in kumkhaw daih mau hmun neih dan a awm chu. Chutiang mau hmun nei tur chuan a hnuai a Felling Rules hi uluk tak a zir chian a kan zawm a ngai a ni Mau leh rua te duh dan ang ang leh a rem chan ang ang a sah emaw lak a nih hian reilote chhungin a rem mai theih avangin mau sah dan mumal leh tha zawk chu EF&CC Department chuan (The Mizoram Gazette Vol XLVIII Issue no 56, Dated 23.2.2019 hmangin a ti chhuak). Hei hi mithiam te'n uluk taka zir chiang chung a an duan a nih avangin zawm ngei a tha. Chutiang a kan ti a nih loh chuan kan Mau neihsa te hi reilo teah lak tur awm lovin a chereu mai dawn a ni. Bamboo Felling Rules chu i han bih chiang teh ang:

Fur lai/ ruahtui tlak tam lai tak hi mau/rua te inthlahpun hunlai a nih avangin hetiang hunlai, a bikin 1st July – 30th September inkarah sah hauh loh tur a ni a, September thla chhung bik hian a kung no tak tak te leh a zung (rhizomes) insiam thar hunlai niin kan ran vulh te pawhin an lo ei/peh tur ven tlat a tha hle.

- ❖ Mau hungah chuan a kung puitling, kum 1 tling tawh kung riat (8) tal a awm tawh a nih loh chuan hung puitling a ngaih theih a la ni lova, churang chuan la sah rih loh tur a ni.
- ❖ Mau hung puitling tawhah pawh heng a hnuai a mite ang hi sah miah loh tur a ni bawk:
- ❖ Mau kung kum khat la tling lo te sah rih loh tur.
- ❖ Mau puitling tawh chu kung riat tal zuah tel tur a ni.

- ❖ A dang zawng chu him taka sah theih tawh a ngaih a ni.
- ❖ Mau kan sah dawnin a hung chhung a upa ber emaw, tlem a hrisel lo hmel kai deuh, kum khat her chhauh zawh pui tawh loh tura ngaih chin chu sak hmasak ber thin tur a ni a, Mau/Raw kung naupang deuh, kum 1 emaw kum 2 la tling lo, rei tak la awm theih tura ngaih chu zuah emaw, sah mai loh tur a ni. Kan Mau/raw hung chhung chu uluk taka en a, mau/raw kung thar a to/insiam lo a nih pheii chuan a kung upa tawh pawh sat mai lovin, za zel a sawmnga (50%) tal zuah tur a ni a, hetiang a tih loh chuan a hung a chereu mai dawn a ni.
- ❖ Mau kung kan sahna hmanrua reng reng chu a hriam tha tur a nia, fik deuh hmak hmak thei tur a sah hriam a fin thlak. Hmamraw bil tak nen a ther fer fur a sah loh tur a ni. Mau/Raw kung chu lei atanga Ft. 1 emaw Ft.2 vela sangah satin, a chang chung chiahah kan sat ang, kan sahna hnu, a kung kawrawng chhungah tui a tling thei tur a ni lo.
- ❖ Mau hung chu a kung upa tamna lam atang a sah tan tur a ni a, kung naupang tak tak insiam tamna lai hi a zung (rhizomes) nun thatna lai leh a kung thar insiam chakna lai ber a nih avangin sat lova zuah tur a ni.
- ❖ Mau par lai a nih chuan a chi insiam zawh hnuah chauh sah thin tur a ni
- ❖ Mau kung thi emaw, a kung keh emaw, pianze pangai lo inherh nasa leh kual deuh teng tung te chu zuah hauh lova sah hmiah hmiah mai tur a ni.
- ❖ Mau hung chu a tawt lutuk ve thei a, chutiang a nih chuan a hung chhunga kung thar chhuah thei lo tur te, hrisel lo leh lian thei lo tur te, a kung pianze dik lo deuh te chu paih thawl zung zung tur a ni a. A hung chhungah chuan Mau/Raw hrisel leh lian tha kan neih theihna turin thlifim, boruak thianghlim leh nieng te engtik lai pawhin a lut tlang thei tur a ni.
- ❖ Mau sah hnuah kangmei laka a him zawk nan a hmun vel leh a hnahro, kangmei ti chhuak awlsam thei te then fai thin tur a ni.

❖ Ahnuai a tarlan te hi zawm hram tur a ni:

- A zung chawh emaw laihchhuah loh tur.
- A no lai chauh ranchaw a lak loh tur.
- A kung no tak tak zuah tura duan tawh sa hnang emaw thil tawwna atan a lak loh tur.

❖ Thlai zam chi, Mau tak emaw Raw kung bawh buai thei tu chu sah fai zung zung thin tur a ni. Mautam (Bamboo flowering) lam hi a hun la hla deuh mahse hriatna ti zau ah tlem te han thai lang ila. Mautam hi eng vang a thleng nge tih chiah hi hriat fiah a la ni lova, thil hrang hrang vang a thleng thei ni a ngaih a ni. Mau tam leh sazu puang hi thil inzawm tlat ni a ngaih a ni a, hmun tam tak ah chuan tam pawh a thlen phah hial thin a ni. Mizoram Remote Sensing Application Centre (MIRSAC) in an chhinchhiah dan chuan kum 2006 khan 331.43 million lai a tam mau par avangin mau kan chan a, 2007 ah pheii chuan mau par a lo tam chhoh zel avang in 3324.63 million lai kan chan a ni. Aizawl leh Mamit District te a nghawng nasa ber . Thingtlang lo neih dan avangin kum tin mau tam tak kan chan bawk a ni.

Mizoram hian thil chi hrang hrang mau atangin an siam a, Mizoram tana kutkawih pawimawh tak a ni. Mizo-te kutkawih ngei mau hmanga sumdawnna hi a beitham hle. Heng mau hmanga thil siamte hian an thiam emem bawka, mizorama hnam chi hrang hrang te hian hmanlai ata tawh tih dan phung an neia chuchu in chhawm chhawn zel niin, mau keh hruipui hmanga themthiuamna pawh a tel VE A. Hengte hian mizo te themthiamzia leh an ropui zia a tilang chiang hle a ni. Mau hmanga thil siam hrang hrang te chu basket te, bungbel te, lukhum te, khumbeu te, inchhung bungrua te, pangpar khawina te leh shawl/ puan te thlengin.

Heng thil hruipui (cane) leh mau (bamboo) atanga thil siam te hi an mawi in an tlo em em a, Mizoram chhungah mai nilo ram pawnah hralh a kal hle a ni.

Amaherawhchu, heng bungrua te hi khawl hmanga siam a nih loh avangiun vawi khatah tam tak a tah/siam theih lova, hmalakna tur hmachhawp te pawh a tih theih awm e.

Tin, Mizo te pawhin tangkai takin hmang thin mahila kan hman dan hi chu hralh chhuah atan chuan a la bei tham hle a. Kan thiamna in a la tlin loh tam tak pawh a awm bawh ang.

Ram changkang zawkin mau atanga an thil siam hrang hrang te chu:

1. **Bamboo Furniture:** Mau hmang a thuthleng siam . A charna (glue) te a char-in uluk takin an thuah leh vek a. Heng Furniture te ri remkhawm theih a design niin, phur kual a awlsama, a tlo emem bawh a ni.



2. **Mau atang a siam :** China leh India hmun tam tak-ah chuan mau hi Paper / Lehkha puan siam nan an hmang thin . Mau atang a siam lehkha puan te hi an tlo em em a, that loh bikna eng mah a nei lo. Mau a fibre te hi a sei zawk leh a tlo zawk avangin thing dang atang a siam lehkha ai chuan tha zawk a ngaih a ni.



3. **Mau meihawl:** Mau atang siam meihawl hi thing pangai leh Lungalhthei aiah hmun tam tak a hman a ni a. Activated Charcoal phei chuan hman tangkaina tam tak a neia, Tin thil a hip duh em avangin boruak tih thianghlim nan te pawhin an hmang a, damdawi-ah te pawh an hmang.



4. **Bamboo Gasifier electric eng pe chhuak thei:** Mau hmang gasifier hi electric siam nan a tha em em a. A alh a thianghlim bik avangin boruak tha lo a a siam tlema. Petrol leh diesel kum tin-a luangral thin nena khaikhin phei chuan tha zawka ngaih a ni.
5. **Mau atang a siam thawmhnaw:** Tun hnai a thiamna thar zingah chuan mau atanga la deh chhuah hi a pawimawh em em a. La par (Cotton) ang deuh hian mau ah hian la zai (Fabrics) a awm ve a. Hetiang la zai hi mau atang hian an la chhuak a, thildang nen pawlhin an hlum ve a, thawmhnaw siam nan an hmang nasa hle tawh a ni. Mau atanga siam puan (fabric) hian la par pangai aiin tui leh hnawng a hip hnem thei bik a, chuvang chuan mau atang a siam ngat thawmhnaw te chu an tha bik em em mai. Tin, lapar atanga thawmhnaw te aiin hmuar hrik ten an duh lova, a rimchhe har deuh bik a ni.



A chung a kan sawi bakah khian a dang pawh hmanna a la tam em em a. Mau tuai hi ei mi tak a nih avangin mi tam takin tui ti tak in kan ei a. Damdawi a hman atan pawh chin thin a ni. Mau chi 200 zet mai hi ei tlak a ni a. Cement concrete a in sa te pawhin mau hi an hmang nasa hle a. A zan avangin laksawn leh put kual zung zung a awlsam em em a, rit lak a dawl em em bawh si avangin a tangkai em em a ni.

Mau upat dan a zira a hman tangkaina te chu:

- Mau ni 30 aia naupang - Ei atan (ie, mautuai/Rawtuai)
- Thla 6 – 9 inkar - Hnang atan
- Kum 2 - 3 inkar - Furniture leh thutthleng siam nan
- Kum 3 – 6 inkar - Insak nan