

## PATCHOULI

<i>Botanical name</i>	: <i>Pogostemon cablin Benth</i>
<i>Family</i>	: <i>Lamiaceae</i>
<i>Common name</i>	: <i>Patchouli</i>

Sum chang thlai thenkhat, ramngaw leh thlai dang dinglai tibuai vaklo a chin leh phun theih a awm a, chung zingah chuan hriak rirtui siamna atana pawimawh essential oil pai thlai pakhat Patchouli hi Mizoram tan chin chi tak a ni. Daihlmah a that duh avangin ser huanah, kuhva karah leh thlai dang karahte a phun theih vek a ni.

**A HMANNA** : Patchouli hriak (essential oil) hi hriak rirtui (heavy perfume) siamna atana pawimawh tak (fixative) a ni a. A quality a thain a tlo baw a, a rim tha tak hi science thiamna hmanga siam chawp theih a nih loh avang hian, hriak rirtui pai thlai zingah a pawimawh em em a ni.

**SUM CHANG THLAI ANGA A PAWIMAWHNA** : Khawvel pumpuiah Patchouli hriak hi 2000tonnes vel kumtin hmanral a ni a, U.S.A ringawt hian Indonesia atangin 500tonnes vel a chaw lut thin a ni. India ramah chuan tobacco leh pan masala industry-te a than chhoh zel avangin, Patchouli hriak hi 300tonnes vel hmanral a ni a, thar chhuah erawh a la tlem hle a ni.

*Patchouli* - sum deh chhuahna atana chin a chakawmna chhante :

- A rim avangin ranin an pet (graze) duh lo, ram lian tham nei-lo-pawhin in bul huanah hralh tham a thar theih.

- A tul dan a zira eichhetu changpat hi (nematode) tihlumna atan lo chuan rannung thahna hlo hman a ngai lo.
- Thlai kum hlun ang deuh a nih avang hian kum thum chhung chu phun nawn ngai miah lovin hlawk takin a seng theih a ni.
- Seng hnuah a hnah ro hi rei tak a dah that theih avangin lam hla deuhah pawh chin a awlsam hle.
- Daihlim (40% shade) vela a that duh avangin ser huan leh huan dangah pawh a chin mai theih a ni. Tlangram loah pawh harsatna awm lovin a chin ve mai theih bawk a ni.

## A CHIN DAN :

- Thlai paukhauh (hardy) tak a nih avangin lei chi hrang hrangah a tha duh hle a, ram lum leh hnawng deuh ruahtui in sem rual that hmunah a tha duh hle. Tlang ram tui tling luangral lo tlemnaah a tha duh a, ram hniamah te pawh a chin hlawhtlin theih viau a ni.
- Tui lian leh khawkhenna hmunah a chin chi lova. Lei dur tha (loamy soil) leh lei inchawhpawlh thatna hmun, tui luan ral zung zung theihna hmuna chin a hlawk ber a.
- Ram hnawng leh uapah a tha duh a. A lum lam 22-32°C vel, Mizoram boruak ang vel hi a mamawh a. Ruahtui 1500-3000mm vel a mamawh.
- A chi a chhuah loh avangin, a tang tan bun hmangin chin pun thin a ni. A tang tan bunte hi April-September a phun a tha ber a ni. A tang phunte hi ni 45 atanga ni 60 velah a phun sawn theih a ni.

- Patchouli phunna tur chu sam fai a uluk taka chawhphut tur a ni, ruah tui tlak hma ngeiin a phunna tur hi peih sa diam tur a ni.
- Phun sawn hma deuhin lei a rannung awm ti hlum turin lei chu Furadan 3G@20Kg/Ha theh tur a ni.
- Tlang ramah chuan leichunglang tawlh leh luang ral tur a uihawm avangin thlawh fai lutuk loh tur a ni.
- Lei hi a hnawng tawh chauh a ni reng tur a ni a, ruah tui a tlak loh chuan tui pek thin tur a ni.
- 45cm X 45cm inkar hlata phun hi a tha a, a remchan dan a zirin a aia zau deuh pawhin a phun theih a ni.

## LEITHA PEK

- Bawnggek emaw hnimhnah tawih emaw ar ek emaw a chinna tur buatsaih lain leiah chawhpawlh tur a ni.
- Kum tin, seng zawh apiangin, bawnggek tawih tha tak phul zel tur a ni
- Lei chi @ 150:50:50 Kg N:P:K te hi Urea, SSP leh MOP hmanga pek tur a ni. Phun dawnah 25Kg N, 50Kg P leh 50Kg K hi 55Kg Urea, 321Kg SSP leh 83 Kg MOP hmanga pek tur a ni. Nitrogen la bang, 25kg (55Kg urea) hi thla 2 hnuah pek leh a, seng zawh apiangin 50kg Nitrogen (110Kg Urea) kha zah leh zahin vawi hnih pek zel tur a ni a. A hmasa zawk chu, a seng zawh veleh pek a, a vawihnihna chu ni 40-50naah pek leh tur a ni.

## A SENG HUN :

- Patchouli hi thla 5-6 velah a puitling a. A hnah chu a hring dang leh a uk dal deuh a nih hun a

eng emaw a uk emaw a nih hmain seng tur a ni.  
Khaw hnawn lai a seng hi a quality a tha ber  
thin.

- Chem hriam tak emaw a tanin a zik atanga fit  
khat leh a chanve atanga fit hnih a sei a tan tur a  
ni.
- Ni 90 dana seng hian ni 60 dana seng aain a  
quality a tha zawk a ni.

### SENG HNUA SAWNGBAWL DAN :

- Patchouli hnah chu daihlim hnuaiah pan te a  
chapin tih ro tur a ni. A khat tawka chawh zeuh  
zeuh tur a ni bawk. Pan te a chap darh loh chuan  
boruak thawleng a awm thei lo a, duhthusamir  
a ro thei thin lo a ni. Ni 7-10 tal pho tur a ni.
- Patchouli hnah hi pho uluk loh chuan a tawih  
(ferment) awlsam hle a, a tawih hian a hriak thar  
chhuah tam deuh mahse, a quality a tlahniam  
thung thin a ni.
- A hnah pho ro sa hi buara bag-a muk taka hnawh  
a, dahthat tur a ni. A muk loh chuan a hmuat  
sam em em a ni.

Hectare khat a tharchhuah zat (ruahtui ring a chinna  
hmunah) :

- A hnah hring : 140q
- Phoro hnuaah : 25q
- Hriak thar chhuah zat : 87.5Kg (3.5% oil recovery)