

# **KA SUB-MISSION HA KA AGRO-FORESTRY (SMAF) KI MAT PYNTREI KAM HAPOH KA NATIONAL MISSION FOR SUSTAINABLE AGRICULTURE (NMSA)**

Khambun na ki jaka ha ka ri ka jong ngi ki dang ap shaniah ha u slap ban ioh ban rep. Na ki daw jong ka jingkylla ka mariang, ka jinghap slap ka lah kylla bad ym ryntih shuh, kaba pynlong pat ia ka kam rep kam riang ban don ha tmier ki jingduh nong bad duna ka jingmih ha kine ki snem ba lah leit haduh kane ka khyllipmat. Na kine ki daw, ki paralok nongrep jong ka ri India ka jong ngi ki don ha ka jingeh ban pynmih ryntih ia u mar rep, ban pynkiew ia ka jingmih ne ban kyntiew ia ka jingioh pisa. Ka Agro-forestry lane ka kam rep ryngkat ka thungdieng ka don ia ka bor ban pynduna ia kine ki jingeh kiba mih na ka jingkylla ka mariang lyngba ka jing pynbiang ia ka jinglong ka haw haw ha sla khyndew, lyngba ka jingkunai ia kiei kiei kiba mih na ki lum ne khlaw bad ha ka juh ka por ka ai lad ruh ban thaw kam ban ioh pisa shuh shuh bad ban kham biang ka jingim.

Khnanng ban pynlong ia ka kam rep kam riang ban ym shah ktah palat na ka jingthut ka mariang, ka Sorkar kmie jong ka Ri India ka lah thaw ia ka National Agro Forestry Policy ha u 2014. Kane ka polisi pyntrei kam la kyntu ban thaw pat ia ka Mission ne ka Board ban peit bad khmih ha rukom ka ba biang ia ka jingroi jingpar ki jaka kiba leh ia kane ka kam rep ryngkat ka thungdieng lane Agro-Forestry. Ka Sub-Mission jong ka Agroforestry(SMAF) hapoh jong ka NMSA kadei ka sien jam ban kot sha kane ka thong. Ka jingthmu jong kane ka Sub Mission ka long ban pyniar ia ka jingthung dieng ha ki jaka rep ban pynskhem pat ia ki wei ki mar rep ryngkat.

## **KI THONG JONG KANE KA MISSION:-**

1. Kane ka Mission ka khmih bniah ban kot sha ka thong halor ki mat kum ka jingkieu ki jaka thung dieng ban pyllang ia ka Karbon haka khyndew, ka jing kiew ha ka jing don sbob mariang ha ka khyndew, ka

jingdon jong ki tynrai ne symbai kiba bha, ka jingkiev/ jingroi ha ka ioh ka kot, ka jingkiev ha ka jingmih na ki mar rep bad ki rukom rep, ka jingroi jong ki lad pathai jingtip bad kiwei kiwei de.

2. Ban pynshlur bad pyniar ia ka jingthung dieng ryngkat ryngkat ki mar rep bad ki jingri ha ka rukom ka ba biang ban kham kyntiew ia ka jingmih na ki, ban ioh thaw kam na ka bynta ki paid, ban kyntiew ia ka ioh ka kot bad ia ka jingim ha ki shnong kyndong khamtam ia ki nongrep kiba ioh ba kot kham duna.
3. Ban pyntikna ia ka jingdon/ jing ioh ia ki tynrai ne symbai, ki clones, ki jait hybrid bad kiwei pat ki ba kham bha.
4. Ban pynsaphriang jingtip shaphang ki buit ne ki model jong ka Agro Forestry kiba iahap bad ki jinglong jingman ki jaka bapher bapher bad katkum ka rukom pyndonkam ia ki jaka.
5. Ban thaw ne pynkhreh ia ka jinglum jingtip( data base), ki jingtip bad ka jingstad ba mynta kiba ia hap bad ka Agro Forestry.
6. Ban pynbiang/sam ia ki kam ne jinghikai ban pynskhem bad kyrshan ia ka kam Agroforestry.

## **KI KAM BAN LEH HA KANE KA MISSION-**

Ka Sub- Mission ka don ia kine ki mat harum ban pyntreikam:-

1. 1. Nursery Development for quality planting material (NDQPM)/ Ban shna ia ki jaka pynmih sara kiba bha: Yn sa sam ia ki jingiarap ban pynmih jaka sara(Barit-0.5ha, ba heh-1.0ha & ki Jaka sara ba kham bha katkum ka buit ka juk ba mynta) khnang ban ioh pynmih ia ki tynrai ne sara kiba bha ban ioh pyndap ia ka jingdawa.
2. Peripheral and Boundary Plantation (PBP)/ Ka jingrep ha ki kut/ khap jong ka jaka rep : Ban ioh pyndonkam hok bad kham janai ia ki khap pud ne ki bun ha ki lyngkha/lum u nongrep, lah ban thung ha ki da ki jait dieng bah kiba pher ha ka dur ki pud sawdong ban pynioh pisa shuh shuh ia u nongrep. Kane ym tang ba ka pyndonkam bha ia ka jaka, hynrei ka pynlong ruh ia u nongrep ba un ioh pynmih

pisa shuh lait na ki kam rep jong u. Kane kan sa pynskhem ia ki pud sawdong ne ki bun bad iada na ka jingshah rong noh ia ka khyndew.

3. Low Density Plantation on Farm Lands (LDPFL)/ Ka jingthung kham niar ha ki jaka rep: Ha ka Low Density Block Plantation (LDBP) kaba kynthup ia ka jingthung palat 100 tynrai man ka hektar haduh palat 500 tynrai shi hektar khlem da pynduna ia ka jingmih na ki mar rep ba ju thung, yn sa ai jingiarap katkum ka dor ba iahap bad katkum ka dor rep man u tynrai.
4. High Density Block Plantation (HDBP)/ Ba thung kham bun ki tynrai: Ha ka High Density Block Plantations (HDBP) ha ki jaka rep yn sa ai jingkyrshan kum ka kam ba pynmih pisa shuh shuh ia u nongrep. Ka rukom thung bapher kaba kynthup ia ka jingthung palat 500 tynrai man ka hektar haduh palat 1500 tynrai shi hektar ha ka dur jong bun ne nur ba bud ryngkhi ne kum ka jingiada/kah na ka lyer ba jur yn sa ai jingkyrshan. Ki nongrep ki lah ban bud ia kane ka rukom thung ha ki jaka ba shu ieh ne ki jaka ba lah sdang tlor ki bym iahap ban rep ia kiwei pat ki mar rep khnang ban ioh pyndonkam hok ia baroh ka jaka bad ha ka juh ka por ban plie lad pynmih pisa ban kham bha ka jingim. Ban bynrap shuh shuh, ka jingthung ia ki dieng ha kine ki jaka kan sa pynkhie im bad nang pynsboh ha ki por ki ban dang wan ba kan ka pynlong ia ka jaka rep ban nang iar.
5. Ban pyni ia ki model jong ka agro forestry: Ki projek kiba iadei bad ki kam ai jingkyrshan jong ki skul bah kum ki CAU/ka ICAR/ka CSIR/ka sorkar jylla/ ki agensi jong ka ri bad kylleng ka pyrthei, yn sa ai jingkyrshan ia ki na ka bynta kane ka lain kaba iadei bad ka jingwad bniah shaphang ka agro forestry ban pyllang ia ka Karbon haka khyndew, bad kumta ter ter ryngkat ka jingiarap jong ka Project Sanctioning Committee.
6. Ki Training bad kiwei de ki lad pynskhem ia ka kam : Ki prokram bad ki training kyrpang ban pynskhem ia kane ka kam ka dei ka mat kaba kongsan ba pyntrei kam ia kane ka Sub- Mission. Ha kane ka Mission yn sa ai jingkyrshan ruh ha ki prokram kum ki training ia ki nongrep bad ki nong peit kam da ka jingthmu ban ioh thung da ki tynrai ba bha bad ki buit ba iahap, ha kaba jing hikai ia ki buit bapher bapher

ban kham tbit, ha kaba pynlong ia ki jingialang ban pynsaphriang jingtip, ha kaba pynmih ia ki kot lyngkdop ba donkam, ha kaba sam ia ki jingtip, ha kaba ialam jngoh ban iohi ia ki kam la ha kylleng ka ri ne kylleng ka pyrthei, ha kaba poi ha ki Seminar bad Workshop ne ki jingialang ban ia mir jingmut la ha kylleng ka ri ne kylleng ka pyrthei bad kiwei kiwei de. Ki jylla ki lah ban pyndonkam haduh 5% na ka jingmang tyngka ha kaba pynlong ia kine ki prokram.

### **KI KAM HA KANE KA PROJECT:**

Kane ka Sub-Mission kan kynthup ia kine ki san tylli ki kam harum:-

1. Nursery Development for quality planting material(NDQPM)/ Ka jingthaw ia ki Jaka Sara ban ioh tynrai ba bha
2. Peripheral and Boundary Plantation (PBP)/ Ka jingthung ha ki pud sawdong
3. Low Density Plantation on Farm Lands(LDPFL)/ Ka rukom thung kham niar ne duna tynrai
4. High Density Block Plantation(HDBP)/ Ka rukom thung kham bun tynrai
5. Demonstration of Agroforestry Models/ Ka jingpyni ia ki Model Agroforestry ba pher
6. Capacity Building & Trainings/ Ka jing ai training bad jingpynskhem ia ka kam

### **KA RUKOM AI JINGIARAP/ JINGKYRSHAN**

Yn sa ai jingkyrshan/jingiarap pisa ia ki nongrep haduh 50% ka jinglut ha ka ban trei ia ka kam. Ki kynhun/seng ki nongrep kum ki Farmers group/ Cooperative/ ki FPO(Farmer Producer Organization) ruh ki lah ban ioh ia kane ka jingiarap na kane ka prokram tangba ia ka jingiarap yn ioh katkum ki kyndon ba lah pynbeit na ka bynta ki nongrep.

La kumno kumno 50% na ka tyngka bal ah mang ha kane ka prokram yn sa pyndonkam ha ka ban iarap ia ki nongrep kiba kham duna jaka bad ruh

ki ba don jaka ba pdeng ha kaba 30% na kane ka dei ban long na ka bynta ki nongrep longkmie/ kynthei.

Ka jingiatrei ryngkat ki paralok nongrep ka long kaba donkam ha ka ban jied ia kito ki ban ioh ia kane ka jingiarap bad kumjuh ruh ha ka ban jied ia ki jaka katkum ki jingdonkam, lada i donkam.

**KI KYNDON HA KA BA IA DEI BAD KA JINGPYNLUT HA KA KAM:**

**I. Ban shna ia ki jaka pynmih sara kiba bha /Nursery Development for quality planting material (NDQPM)**

Sl. No	Ka jingheh jong ka jaka sara ia ki jingthung (hektar)	Ka jingpynlut	Ka dor (lakh Rs.)
1	Jaka sara barat (0.5hektar)	Ka jingpynkhreh ia ka khyndew, ki tiar ki tar kiba pyndonkam na ka bynta ka jaka sara, ka jingpynmih ia	10.00
2	Jaka sara baheh (1.0 hektar)		16.00
3	Jaka sara ba pyndonkam da ki buit stad (Hi-tech nursery)	ki symbai/tnat bad ki thied bad kiwei kiwei de kid or kat kum ka rul jong ka MIDH (Mission for Integrated Development of Horticulture)	40.00

**Kynmaw:** Ki jaka sara ki kynthup ia kito ki ba kham rit(0.5ha), Ki ba kham heh (1.0ha) & ki High Tech nursery lane ki Jaka sara ba kham bha katkum ki buit ka juk mynta

- Ki jaka sara ba kham rit ki dei ban lah ban pynmih la kumno kumno 25,000 tynrai shi snem.
- Ki jaka sara ba kham rit ki dei ban lah ban pynmih la kumno kumno 50,000 tynrai shi snem.
- Ki High-Tech Nurseries lane ki Jaka sara ba kham bha katkum ki buit ka juk mynta ki dei ban lah ban pynmih la kumno kumno 1,00,000 tynrai shi snem.

**II. Ka jingrep ha ki kut/khap jong ka jaka rep/ Peripheral and Boundary Plantation (PBP)**

Sl. No	Ka jingpynkhreh shwa ban thung	Ka dor (Rs.)
1	Ki jait kam shwa ban thung jingthung, ka jingpynkhuid ia ka jaka, ki jingsumar, bad kumta ter ter	10.00
2	Ka bai tih bad bai thung	6.00
3	Ka bai thung ia u tynrai	15.00
4	Ka bai kit bai bah	1.00
5	Ki dawai sboh, ka sboh niut, ki dawai pyniap khniang, ka jingsumar ia ki symbai	10.00
6	Ka dor na ka bynta ka jingthung	2.00
7	Ka jingker	10.00
8	Jingsumar (ban phut niut, ban synreit um, bad kumta ter ter)	16.00
9	Total	70.00
<p><b>Jingpyntip-</b></p> <p>(a) <i>Ki dor ba la kdew haneng ki dei ba shu buh bad kiwei kiwei ki jylla ki lah ruh ban pynkylla ia ki dor katkum ka jingdonkam jong ki haduh ka dor Rs. 70/uwei u jingthung</i></p> <p>(b) <i>Ka jingiarap kan long 4 bynta 40:20:20:20 haduh 4 snem</i></p>		

**III. Ka jingthung kham niar ha ki jaka rep /Low Density Plantation on Farm Lands (LDPFL)**

Sl. No	Ka jingbun ki tynrai ha ka 1 hektar	Ka dor tyngka ba la mang (Rs.)
1	100 tylli ki dieng lane duna	Rs. 70/uwei u dieng
2	>100 tylli haduh 500	28000
<p><b>Jingpyntip-</b></p> <ul style="list-style-type: none"> <li>• La khein ia ka dor katkum ka jingbun jong ki tynrai ha kawei ka blok</li> <li>• Ka jingiarap kan long 4 bynta 40:20:20:20 haduh 4 snem</li> </ul>		

**IV. Ba thung kham bun ki tynrai /High Density Block Plantation (HDBP)**

Sl. No	Ka jingbun ki tynrai ha ka 1 hektar	Ka dor tyngka ba la mang (Rs.)
1	500 haduh 1000 (jingjngai 3.5mX3.5m)	30000
2	>1000 haduh 1200 ( jingjngai 3mX3m)	35000
3	>1200 haduh 1500 ( jingjngai 2.5mX2.5m)	45000
4	>1500 ( jingjngai ba duna ia ka 2.5m X 2.5m)	50000

**Ka jingpyntip-**

- *Ka jingiarap kan long 4 bynta 40:20:20:20 haduh 4 snem*
- *ka dor kan long katkum ka jingbun ki tynrai ha kawei kawei ka blok*

**JINGDONKAM JAKA BAD JINGBUH JINGJNGAI:**

Ka jingdonkam jaka bad jingjngai na ka bynta ka rukom thung bun tynrai(HDBP) ha ki nur lane block ki long kumne harum:

Sl. No.	Ka jingbun tynrai ha ki nur ne block (katno tynrai/block ha ka 1 hektar)
1	500 to 1000 (jingjngai 3.5mX3.5m)
2	>1000 to 1200 ( jingjngai 3mX3m)
3	>1200 to 1500 ( jingjngai 2.5mX2.5m)
4	>1500( jingjngai ba duna ia ka 2.5m X 2.5m)

**KA LIST JONG KI JINGTHUNG BA LONG DAWAI BAN THUNG HA KANE KA THAIN SHATEI LAM MIHNGI JONG KA INDIA**

JYLLA	JAIT DIENG	JINGTHUNG BA PUR BAD BA KHAM RIT KYNIENG
Ki Jylla ka NE kum, ka Arunachal Pradesh, ka Assam, ka Sikkim, ka Nagaland, ka Meghalaya, ka Manipur, ka Mizoram, bad ka Tripura	Sohphan, Kwai, dieng Agar, dieng Soft Bollygum, dieng Chinese Yew, Bedda dieng kynja soh ot, u Black Chebulic Myrobalan	U asparagus ba pur, Phan, Ka shriew, Sohmrith khlaw, u Long pepper

## JINGKHMIIH LYNTI BAN IOH

Ka jingpyntrei kam ia kane ka Sub Mission kan sa pynurlong ia kine ki jingmyntoi harum:-

- Ka Agroforestry kan sa plie lad ia u nongrep ban ioh pisa khambun bad ruh ban ioh kynshew bad ha ka juh ka pork an sa long kum ka jingiada na ka jingjulor ki mar rep.
- Ka jingkiew ha ka jingbun ki dieng lyngba ka Agroforestry kan sa pynlang kham bun ia ka karbon ha khyndew bad kan sa iarap shuh shuh ia ka ri hi baroh kawei ha ka jing pyrshang ka jongka ban pynduna ia ki daw ba ktah ia ka mariang.
- Ki dieng bat hung ha ki jaka rep kin iarap ha ka ban pynsboh bad pynbha shuh shuh ia ka khyndew bad iarap ia ki jingthung mar rep ban ioh kjit kham bha ia ka jingbam ne dawai ha kip or bap her bapher(ha pdeng bad ha ba kut ka prokram). Ia kane lah ban tip lyngba ka jingtest ne eksamin ia ka khyndew na ka por sha ka por ia kaba ngi lah ban buh jingthoh ha ka soil health card ban sa sam sha ki nongrep.
- Kan sa pynbiang ia ka jingdawa ia ki mar na ki khlaw kum u dieng ne ki tiar na u dieng na ka bynta ki karkhana ka ban long patde ka jingkyshew ia ka ioh ka kot jong ka jylla namar ka jing bym don shuh ka jing shalan na shabar.
- Ka jing roi ki jingtip ha kaba iadei bad ka agroforestry.
- Ka jingpynmih pisa bad jingkyntiew ia ka jingim ki paralok nongrep.

### **Ia ki jingtip ba kham bniah lah ban wad na ka ophis**

1. District Horticulture Officer jong ka distrik jong phi
2. Agriculture Marketing Officer, Directorate of Horticulture, Shillong

*La pynmih da ka:*  
**Agriculture Information Wing**  
**Directorate of Agriculture, Meghalaya**