

Ar tui tam chi enkawl dan



Sesta Development Services (SDS)
Guwahati, India



Mizoram State Rural Livelihoods Mission
Rural Development Department
Government of Mizoram

A chhunga thu awm te

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Thuhmahruai

India ramah hian arvulh hi kum 30 kal ta vel atang khan inbul vel a tlem te a vulh atangin thiamna sang zawk hmanh tangkai a sumdawnna tak tak anga kalpui tan a ni tawh a. Tun dinhmunah hian India hi artui thar chhuah tam lamah pathumna niin artui tluklehdingawn 60 vel a thar chhuak a, arsa thar chhuah tam lamah pangana niin arsa 500 metric ton a thar chhuak a ni. Heng a thar chhuahte hi a tam ber chu sumdawnna atana hmanh tak tak te atanga tharchhuah niin tlem a zawng hi thingtlang lam a tlem tlem a vulh te atangin a ni ve bawh.

Tuna kan ram agriculture leh thlai tharchhuah lam a kan dinhmun en hian ram neilo kut hnathawktute leh mipui nawlpui te tan a tangkai tur ruahmanna siam hi tih makmawh a ni a, Ranvulh lampang hi thingtlang mite dinhmun chawikang tur leh ei leh bar, a bik takin protein lampang kan hnianghnar theih nan a pawimawh hle a ni. Thingtlang lam mite tan chuan ar vulh hi eizawna pawimawh tak leh chaw tha an hmuh theihna awlsam leh tangkai tak a ni a. Ram tam takin thingtlang mite dinhmun, abik takin hmeichhiate chawikanna atan an hmanh nasa hle a ni.



Thingtlang lama arvulh zingah hian heng ar pangngai te, varak te, saiar te, vahmim lampang ang chi te hautak lutuk lo a, inbul vela kan tir hi a huam thei awm e. Kan vulh danah hian a hautak loh zawk nan kan chhehvel a thil awm hnai chaw thing te, thil siamna ningnawi te, thlai eitlak loh te hman tangkai thiam a pawimawh hle. Backyard poultry farming hi sum lakluhna hnar tha tak anih bakah chungtinte tan an mamawh chaw tha an hmuhna hnar a nih bawh avangin a hlu hle a ni.

Thiamna thar a chhuah zel angin ramchhung a ar vulh dante pawh tihdan hrang hrangte kan hmanh a, arvulh tute tan pawh a hlawkna tel tur a tam chho ve zelin hlawhtling tura intlansiakna a nasa hle a ni. Hlawhtling taka ar vulh tur chuan a sum tlem thei ang ber seng a, a quality chhe silo a, tam thei ang ber tharchhuah theih a pawimawh. Arvulh atanga thar chhuah te hi tlem te a vulh ai chuan lian tham leh sumdawnna atan a vulh te atangin a tam zawk zel a, a chhan chu tharchhuah a tam a, thil a nihdan tur ang taka a hun tak a kalpui a nih vangin tha leh hun a heh lo a, hlawkna a tam phah a ni. Hetiang a nih lai hian thingtlang lam a ar vulh danah hi chuan hmanlai an tihdan phung anga an la kal vangin ar vulh te natna leh ramsa ei thei tute lakah an him lo a, a hlawk thei thin lo. Heng bakah hian artui chi ah pheih chuan artui keuna tur a environment mamawh ang an hmuh that loh vangin artui keu pawh a hniam thina, hei vang hian ar vulhah chuan ar in sakdan hian kawngro a su hle a ni. Hetiang anih avang hian hlawkna tam ber tel thei tur in ar in hautak si lova siam hi hmun tam takah a lar hle a ni. Tun dinhmunah chuan ar tui chite chu in te lutuk a dah tawh lo in inlian zawkah ar dang leh ramsa vel in a tihbuai theih lohah dah an ni a, hei hian natna an do theihna a ti hniamin natna awm thei venna kawngah fimkhur a ngaih phah em em a ni.

Thing tlang lama ar vulh dan tlangpuiah chuan ar rawng chi hrang hrang, khawtualin a an neihsa ang chi mahse tui tam thei leh thang duh zawk ang chi an kalpui ber. Arvulh danah hian chi hrang pathum



Commercial Layers
(Artui tharchhuah)



Broilers
(Arsa tharchhuah)



Backyard / Family Production
(Artui leh a sa tum kawp)

Chaw tha hmuhna kawnga a hlawkna

Thau lutuk leh ei leh in uar lutuk avanga khawvelhmun hrang hrangah harsatna tam tak a thlen tawh laiin ram retthei ah chuan chaw tha duhkhawp hmuh zawh lohna hi harsatna lian tak a la ni a, India ramah pawh naupang hmun thum a thena hmun khat zel hi an than tur anga thang phak lo an ni a, khawvel pumpuiah pawh kum 2017 ah khan naupang kum 5 hnuai lam, maktaduaih 151 vel chuan eitur tha hmuh loh vangin an san zawng tur ang an phak lo a ni. Heng naupang tam takte hi nuin a pailai atang leh naupan zual lai atanga eitur tha an hmuh lohvang a ni. Hengahte hian danglamna thlen turin eng chaw hi nge kanpek ang a, engtin nge chung chaw tha chu ram retthei zawk a cheng ten awlsam zawka an hmuh ve theih ang tih hi zawhna awmthei a ni.

He zawhna chhanna pakhat chu artui hi a ni awm e. Artui hi chaw tha kan tih zing a pawimawh tak protein hnar tha tak a nih bakah naupangin chaw tha an mamawh dang vitamin B 12 leh choline te a pai tel bawh. Heng bakah hian artui a thau lam chi awm pawh hi raipuar tan a pawimawh hle a ni.

India rama thlai chauh ei tlem te tih loh ah chuan khawvel pumpui deuh thaw hian artui hi an ei a, hengte hi mi retthei ber pawhin a an ei theih turin man to lo a thar chhuah theih a ni bawh.

Nutrient	A thatna
Protein	Tihrawl, taksa peng hrang hrang, vun, sam leh taksa peng dang te thanna leh siam thatna atan a pawimawh. Hemi bakah hian taksa tan a pawimawh hormone te, enzyme te leh antibodies siam chhuak tu atan a pawimawh, artui a protein hi taksa in awlsam takin a lo semdarh thei bawh.
Iron	Taksa timur te hnena oxygen pe tu niin thisen tlakchhamna a veng a, artui a iron awm hi taksa ah awlsam takin a in semral thei bawh.
Vitamin A	Vun hrisel nei tur leh mit lam tana pawimawh tak a ni.
Vitamin D	Ruh leh ha a tichak a, cancer leh natna tamtak veng tura puitu pawimawh tak a ni.
Vitamin E	Taksa hrisel nan leh natna veng tura puitu pawimawh tak a ni.
Vitamin B12	Lung lam natna veng tu pakhat a ni.
Folate	Taksa timur thar insiam zel tura puitu pawimawh a ni a, thisen tlakchhamna a veng thei bawh. Naupai tantirh laiin a pawimawh zual a, naute insiam chho leh thang chho mek tana thil pawimawh tak pakhat a ni.
Selenium	Vitamin E nena tangkawpin taksa timur tlachhe tur veng tu a ni
Lutein & Zeaxanthin	Khawhmuh tifiatu pawimawh tak a ni a, tar lam mit tha lo mit naute paw kan tih ang chi vengtu tha tak a ni bawh.
Choline	Thluak insiam chho tan leh a hnathawh chhoh zel nana puitu tangkai tak a ni.

Sa leh artuia chaw tha awm te

Cholesterol

Ni khata artui pakhat ei hi a hlauhawm loh.

Lungna leh cholesterol sang hlauh vang a artui i ei ngam lo a nih chuan in ngaihtuah that leh hun a ni. Zirna thar ber a an hmuhchhuah dan chuan artui a cholesterol awm hian thisen a cholesterol ah effects a nei tlem hle a, chuang chuan puitling hrisel pangngai tan chuan lung natna neih hlauhawm miah loin nitin pakhat chu a ei theih a ni.

Omega-3

Omega-3 te hi thau hrisel kan tih zinga mi niin lung natna thlen tur a veng a, hriselna atan a pawimawh hle. Amaherawhchu kan taksa in a siamchhuah loh avangin eitur tha heng sangha lam chi te, thil mawm leh be lam chite, omega-3 awmna artui atang te kan mamawh kan ei a ngai.

Omega-3 pai tam bik artui hi tharchhuah theih a ni a, hetiang tur hian arpui chawah flaxseed an pawlh thin. Flaxseed hian thlaina a pai chi alpha-linolenic acid (ALA) an tih mai tam tak a pai a, hetiang ei arpui hi a tuiah Omega-3 a tam bik thin a ni.

Sumdawn nana Layer vulh

Ar tui tam chi (layer) tlem te te a vulh hi awmzia a awm tawh vak loh avangin a lian tham law law, inkhat a ar nuaih chuang dah theih ang chi te tunhnaiah an rawn ti thar nasa a, layer ar za a 70 hi heng state Andra pradesh, Tamil Nadu, Maharashtra leh Karnataka leh Punjab ah te an vulh a ni a, heng state te atang hian an artui thar chhuah te hmundangah an thawm chhuak leh thin. Hengte bakah hian Uttar Pradesh, West Bengal leh Bihar-ah te an rawn ti chho ve mek bawk. North East lampangah pawh artui thar lam, man tlawm zawk a hmuh theih nan bul tan tum mek a ni. Tam tham deuh a ar vulhnaah chuan thil a hlawmin an lei a, a hlawma lak chuan an mamawh ang te man man zawkin an hmu thei thin a ni.

- ❖ Khawl hmanga chaw her te, chaw pek te leh artui sawngbawl te a lian tham a vulh na ah chuan a tih theih.
- ❖ Tharchhuah a tam chuan hmun hla zawk a thawmchhuah te leh siam danglam te mumal takin ruahmanna a siam theih.
- ❖ A lian thamah chuan tunlai thiamna changkang hman a ar chaw sawngbawl te leh natna lak a inven dan tur ruahmanna mumal takin a siam theih.
- ❖ Artui zawrchhuah tur tihfai te, grading pek te, pack te, a that hun chung tur leh nutritive value (Chaw tha a pai dan) te felfai tak a bel theih a ni.
- ❖ Mid day meal schemes leh damdawiin chaw a artui sem tel tihlar theih chuan artui mamawhna nasa takin a ti pung thei.
- ❖ Ram tam tak heng Middle East leh Japan angah te hian artui leh artui atanga siamchhuah thilte hralh an tla hle a, heng an mamawhte phuhru tur hian artui quality te tun aia tha zawk tur a kan beih a pawimawh.

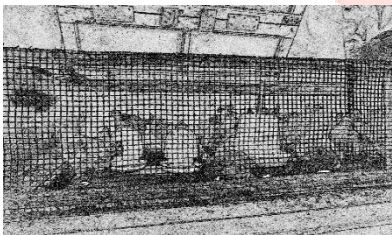
Heng ar in lian tak tak khawl hmanna ah te hian bul tanna a hautak a, sum hman chhuah te hian artui thar chhuah manah nghawng nasa tak a nei a ni. Khawtlang nghawng thil heng leitha sawngbawl te, hnathawk tu awm dan te leh boruak leh ar in chheh vel thianghlimna tichhe theite avang hian lian zawk a kalpui a har thin.

Technical Protocol

Backyard poultry farming ah hian dual purpose (a sa ei chi leh tui thei chi ni kawp) ang te vulh a ni tlangpui a, Heng ar te hi breed awmsa emaw breed tha zawk a cross a siam chhuah a ni tlangpui thin a, a lar zual te chu: Vanaraja, Giriraj, RR (Rainbow Rooster), Grampriya. Heng breed-te hi sawrkar hnuai emaw mimal company in a an siam chhuah a ni a, khawtual in a kan ar neihsa ai hian thatna tam tak a nei:



Ar enkawlina a pawimawh te chu:



Ar in



Ar note enkawl



Faina leh thianglimna



Vaccine pek



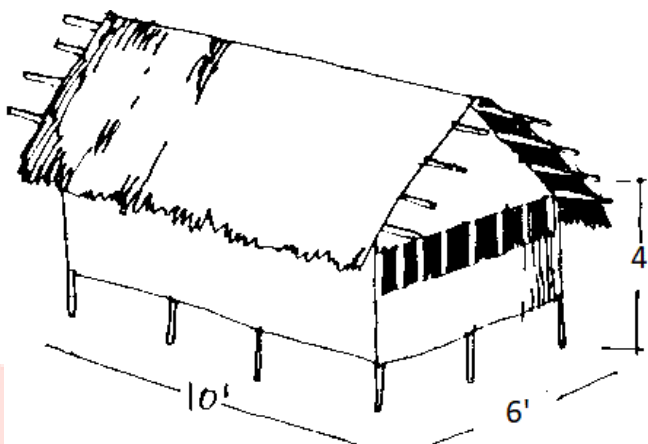
Ar chaw pek



Chaw pek dan record fel tak

A in sak

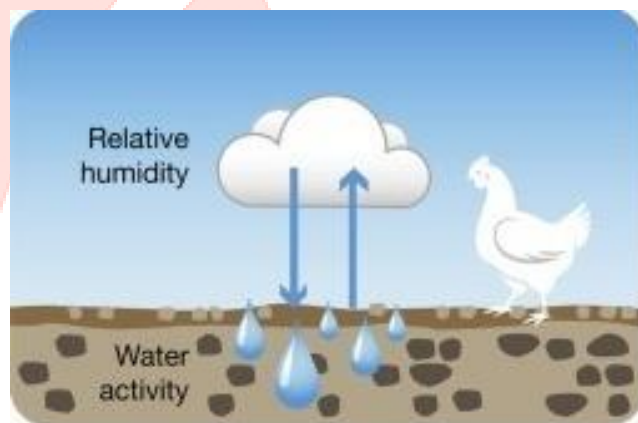
- ♣ Ar pakhat tan 1.5-2 sq. ft. a zau zel dah tur a ni
- ♣ Ar in chhuatah phuai kan hmang a nih chuan 2-3 inch a chhah a ni tur a ni.
- ♣ Thing zai nawi emaw favai te litter (Ar in chhuat phah) atan hman theih a ni.
- ♣ Ar inah hian borual awlsam takin a lutin a chhuak thei tur a ni.
- ♣ A in san zawng hi a tlem berah feet 4 tal a ni tur a ni.
- ♣ Ar tui lai awmna tur a hranpa siam sak tur. In chhungah hmun awl 2*2 feet area a zau vel arpui dahna bik tur siam hran a, mau a hung a, litter inches 5 vel a chhah chhuat a phah tur.
- ♣ Ar-te chu zingkarah chhuah a, tlai lamah arinah lawi tir leh thin tur.
- ♣ Ruahtui a luh lohna tur leh litter huh tur veng turin ruahmanna siam tur. Litter a huh chuan thlak nghal tur.
- ♣ Ar in bang chu boruak che vel a awm theihna turin feet 1.25 aia sanga siam loh tur.
- ♣ Ar in chu boruak chevel awm reng tur a ni a, eng tha tak, zanah pawh eng thei turin electric chhit sak tur.
- ♣ Artui tha turin nikhatah eng darkar 18 atanga 20 pek tur.



The shed is for 30 layers, it requires 60 sq. ft

Ar in tihfai leh thianglimna

Ar in chhuat phah (litter) enkawl dan a zirin ar a natna awm theite venna kawngah awmze thui tak a nei thei a, Ar deep litter-a dah te chu an tui inna litter tihuh theilo ber ang tur a dah tur a ni. Litter te chu khawlum dan a zir te, boruak hnawndan a zir te, boruak chetvel dan te, ar ek tam dan te, tui tam dan a zir te in hunbi nei a chawh leh thin tur a ni. (Thlasik leh nipuiah kar 2 ah vawi khat, ruahsur lain kartin). Litter kg 1 ah chinai 100 g zel telh tur.



Ar in tih faina a thiltih tur te chu :

- ♣ Arpui dahna inte chu hunbi nei a tih fai tur ani a, litter-te hi kar hnih ah vawi khat tal thlak tur.
- ♣ Ar in chhung chu B-904 spray hi tui litre khat ah 8ml pawlh a kar hnih ah vawikhat tal spray thin tur.
- ♣ Ar tlatna hmun chu tha tak a hung a, anmahni ei thei tur chi zawhte leh ui te luh tir loh tur a ni.
- ♣ Parva leh chawngzawng lam chi te hi ar in leh ar tlatna hmun chhungah te luh tir loh tur.
- ♣ Ar thi reng reng chinai nen a uluk taka phumbo thin tur a ni a, vawk kan pe dawn anih pawn uluk tak a chhum hmin hmasak tur a ni.
- ♣ Ar chaw leh tui pekna kartin uluk takin tihfai thin tur a ni a, thil mawm leh bal bet awm lo tur a fai tak a sil tur a ni.

Vaccine pek

Hri danna pek kan tih hian natna hrikte natna thlen thei lo tawh tur a siam danglam an nih hnu a ran taksa a thun hi a kawh a, hei hian natna hrik ngaiin an taksa a natna ava thlen tur kha a lo dang ta thin a ni.

A hnuai a table ah hian ar a hri danna pek thin leh pek dan te tarlan a ni:

Sl. No.	Upat dan	Vaccine	Pek na tur	Dose
1	Ni 1 na (Layer)	Marek's disease (MD)	S/C (vun hnuai)	0.2 ml
2	Ni 4 na	B1	Mit a thlawr	1 drop
3	Ni 12 na	IBD	Mit a thlawr	1 drop
4	Ni 21 na	Fowl Pox	A thla a chiu (Wing puncture)	0.2 ml
5	Ni 64 na	R2B	S/C (vun hnuai) or I/M (tihrawl ah)	0.5 ml
6	Ni 84 na	Fowl Pox	A thla a chiu (Wing Puncture)	0.2 ml
7	Thla 8 na	R2B	S/C (vun hnuai) or I/M (tihrawl ah)	0.5 ml
8	Thla 9 na	Fowl Pox	A thla a chiu (Wing Puncture)	0.2 ml
9	Thla 14 na	R2B	S/C (vun hnuai) or I/M (tihrawl ah)	0.5 ml
10	Thla 15 na	Fowl Pox	A thla a chiu (Wing Puncture)	0.2 ml
11	Thla 20 na	R2B	S/C (vun hnuai) or I/M (tihrawl ah)	0.5 ml
12	Thla 21 na	Fowl Pox	A thla a chiu (Wing Puncture)	0.2 ml

Ar chaw pek

Ar note te hian a tir kar 6 chhung vel hi chaw tha inbuk tawh (balanced diet) an mamawh zual a, tlem a lian deuh tawh te chuan an chaw pangngai piah lamah an mahni in anzawn hmuh mai theih chi heng- hnim hnah te, buh lam chi te, thlai chi tiak te, thei hmu te, pat-ek te, drumstick hnah te, subabul hnah te an ei thei. Chaw tha an mamawh belh dan hi an chaw zawwna hmun that leh that loh te, thlai leh hnim to bit dan azir te, buh lam chi an chhar theih mai tur awmdan azir te, rannung leh thlai chi ei mai theih tur an hmuh theih dan a zir te in a danglam ve hret hret.



Ar chaw pek kawng a hriat tur pawimawh thenkhat te :

- ♣ Chhun lamah chuan anmahni a tlat tir a chaw zawn tir thin tur.
- ♣ Ar an tui tan veleh an chaw ah lung no 3-4 gm vel telh thin a tha, hei hian artui laiin calcium a mamawh engemaw zat a pek theih bakah chaw pai tawihna lamah a pui bawk.
- ♣ Kar li an tlin atangin an ei pangngai bakah chaw tha dang heng buh kem emaw, buh lam chi hrim hrim kut a hum zawh tawh vel oil seed cake tlem nen a chawhpawlh a pek belh tur a ni.
- ♣ A sa ei atana vulh te chu talhruah an tlin dawn hnaih ah chutiang huna tan a chaw pek tur bik (finisher feed) te ar pakhat tan nikhatah 25g vel pek tel tur.
- ♣ Mineral mixture leh chi te chaw kg 1 zelah 5g vel pek tel thin tur.
- ♣ Ar chaw te hi an mamawh dan a zir in siam rem theih a ni. (Entirnan, Ar a tet zual lai ni 20 chhung vel chu protein pai tam chi telh tam nise, ar a tui hun laiin chi leh mineral mixture tih tam deuh a thau lam chi tih tlem ni se)

Sl. No.	Ingredients	Nutrient Source
1	Buh kem leh buh hum lam chi	Carbohydrate, Roughage
2	Fa vai	Carbohydrate
3	Azolla (chakawk lam chi patek ang tak, tuia awm)	Protein, Vitamins
4	Deoiled Cake	Protein, Fat, Vitamins
5	Sangha ro	Protein, Vitamins
6	Sa her sawm tih ro	Protein, Fat, Minerals, Vitamins
7	Be lam chi	Protein, Vitamin, Minerals
8	Thlai hnah hring	Vitamins, Minerals, Roughage,
9	Chi	Electrolyte
10	Mineral Mixture	Minerals

Chaw nawi atanga archaw siam

Chaw nawi kan khawm thin hi chaw tha chi hrang hrang awm khawmna a ni a. Taksain a a mamawh chaw tha, nutrients kan tih mai heng carbohydrates, fat, protein leh a dang chi hrang hrang awm khawmna a ni. Heng chaw nawite hi sum sen ngai lova ar chaw neihna hnar tha tak an ni.

Harsatna awm thei

Chaw nawi chhunkhawm hi ar ei atan chuan a tlang a lian mah mah thei a, nileng a kan ei nawi dahkhawm a nih bawk avangin natna hrik engemaw zat a tel thei bawk. Chutiang chu chhum so leh lo a kan pek tawp chuan hriselna atan a pawl theiin ar tan pawh a rim tuiloh bakah an ei duh loh phah thei.

A siam dan

Chaw nawi leh sa thing nawi te chu mineral mixture te nen a chhum kawl a, chhum sa chu nisa a pho ro hnuah ar in an ei theih tawh tur vel a lian in den sawm leh tur.

Ar note up leh ar note enkawl

Ar note keu hlim te uap lum hi a pawimawh em avangin an mamawh tawh lum an hmuh theihna turin ruahmanna siam sak thin tur a ni. Ar note uap lum theih dan chu hetiang hi a ni:

- ❖ Ar note te chu a puin a awp lum a nih chuan arpui pakhat zel tan hmun hran siam sak a tha.
- ❖ Artui te chu a tih keuna hmun (hatchery) a tih keu an nih chuan an keu hlim a uap lum an nih theihna tur in ruahmanna fel tak siam tur a ni.
- ❖ Ar note te chu an keu atanga ni 15 chhung chu tih lum/uap lum tur a ni. Lumna mamawh dan : (a kar hmasa ber ah 95° F, a dawt karah 90° F, chutiang zel in kartin degree 5 a tlak hniam a, 80° F a thlen hunah chumi temperaturte ah chuan dah char char tawh tur). Hemi atan hian ar note pakhat tan bulb 2 W vel ang zel a hisapin feet 1.5 vel a sanga khai hi a tawh viau.
- ❖ Ar note te zing leh tlai lam khaw vawh zual lai chuan veivah tir loh tur a ni a, an chhuak tur danna siam sak tur. Hatchery a tihkeu an nih chuan an keu atanga ni 15 chhung chu pawn ah tlat tir loh tur.
- ❖ Ar note te chu an keutirh ni engemaw zat chhung chu kurtai tui leh chi uih chawhpawlh pek thin tur, hei hian hlam ek kan tih ang chi kha paihchhuahna-ah a tanpui.
- ❖ Heng bakah hian a tir ni 10 chhung vel chu vit. B-Complex, Vit. A, D3 & E te pek tel tur.
- ❖ Vaccine pek hma leh pek hnu ni hnih chhung chu an natna do theihna ti chak turin immunomodulator heng Vit E leh Selenium te pek thin tur.
- ❖ Ar an keu tirh atanga ni engemaw zat chhung hi chu an chaw kawng vel insiam puitlin lai a nih avangin a pawimawh hle. Hemi tanpui tur hian chaw tha, len lam pawh inruah deuh pek a tha a, chaw tha, a hraw lam 1-3mm bawr vel a lian an taksa in a mamawh heng Minerals, Proteins, Fats & carbohydrates tel kimna pek tur.
- ❖ A tir ni engemaw zahchhung chu chaw tha Protein leh Minerals te a inpawlh tawh a pek tur. Hemi mamawhna phuhru tur hian ar note chaw leh buhkem pawlh awlsam tak a pek mai theih a ni.

Ar than dan leh tui dan

Tehna	Value
Ar note piang hlim rih zawng	40 gm
Rih lam	
Kar 6 na	700-850 gm
Kar 20 na	2-2.2 kg
Kar 40 na	3-3.2 kg
Ar no te thih dan (kar 6 thleng)	2%
An tui hmasak ber a an upat lam	Kar 20-22 (Ni 140-160)
Kar 40 hnu a artui rih lam	42-44 gm
Artui awp tirh a a rih lam (Kar 25-28)	52-58 gm
Artui awp hnu (Awp tirh atanga kar 40 thleng)	55-65
Artui awp hnu (Ar awp tirh atanga kum 1.5 thleng)	140-150

*As provided by ICAR-Directorate of Poultry Research, Hyderabad

Record vawn that

- ♣ Record felfai taka vawn hi sumdawnna a hlawk leh hlawk loh chhutnan a pawimawh.
- ♣ Record hi chi hnih a vawn thin a ni:
 - Production Records (Tharchhuah dan): Hetah hian tharchhuah kawnga thil pawimawh ho heng ar note rih zawng, an than chhoh dan, thihna thlen dan, natna awm dan, vaccine pek dan kimchang te ziah luh tur.
 - Financial Records (Sum leh pai chet vel dan): Pawisa lam thil zawng zawng, heng ar note man, ar note lakna, hralh chhuah ni, hralh annih a an rih zawng, chaw man, chaw lampang chi a sum sen zat leh a vulhtu senso dang.

Poultry Details

Shed & Equipment Details				Poultry Shed Modification				Equipment			
Area	Wall	Floor	Roof	Feeder		Drinker					
No.	Type	No.	Type	No.	Type	No.	Type				

Source of Layer Chicks: Price:

Source of Broiler Chicks: Price:

Month	Chicks	Feed (Bags)	Vaccine	Expenditure	Mortality	Birds Sold	Eggs	Income	
								No.	Rate
Apr'19									
May'19									
Jun'19									
Jul'19									
Aug'19									
Sep'19									
Oct'19									
Nov'19									
Dec'19									
Jan'20									
Feb'20									
Mar'20									

Natna leh hrileng a awmin heng record te hian a chhan zawngchhuah leh hmalak dan tur ruahmanna siam a ti awlsam.

Cost Benefit Analysis

CBA (Cost Benefit Analysis) of Backyard Poultry			
Tehna	Unit	Value	Remarks
Ar vulh zat	Birds (Ar)	50	A pa:A nu = 1:4. A pa leh a nu hi 1:8 ang pawn a tih theih, a pa hi an thanchak avangin a hralhvat theih
Vulh hun chhung	Thla	18	Thla 18 hnu ah chuan ar te hi hralhchhuah tawh thin an ni a, a chhan chu an tui tlem tawh vang a ni.
Mortality (Thihna thlen dan) (%)	%	10	
Ar a tui hmasak ber a an upat lam	Thla	5	Arpui chu kar 24 annih thlengin an tui thei a, mahse kar 18 hnu lamah chuan an tui tlem tawh hle.
An damchhung zawng a an tui theih zat (Average)	Eggs/Bird	120	Thla 13 chhung (thla 5 annih atanga thla 18 thleng)
Rih zawng	Kg.	1.7	Ar pa rih zawng hi arnu aiin 5-15% velin a sang ngei ngei
Ar thi zat		5	
Ar hralh chhuah theih zat		45	
Ar note man	Rs./Chick	50	
Vaccine leh damdawi man	Rs./Bird	10	
Ar in tih fai leh tih thianghlamna a senso	Rs./Bird	10	

In sakna senso	Lumpsum	2500	
Chaw man a senso	Rs./Bird	100	Ar pakhat tan chaw 2.5 kg pack zel, mineral mixture leh chi
Sum hmanna dang	Rs./Bird	10	
Senso			
Ar in sakna	Rs	2500	
Ar note man	Rs	2500	
Vaccine leh damdawi man	Rs	500	
In tihfai leh tih thiang hlimna senso	Rs	500	
Chaw man a senso	Rs	5000	
Sum senso dang	Rs	500	
Hman chhuah zawng zawng	Rs.	11500	
Revenue (Hmuh)			
Artui zat	No	4560	Ar za zela 5 thi anga chhutin
Artui man	Rs./Egg	10	
Arsa man	Rs./Kg.	250	
Artui hralhna	Rs	45600	
Ar hralh chhuah zawng zawng rih zawng	Kg.	80.75	
Arsa hralhna	Rs.	20188	
Hmuh zawng zawng	Rs.	65788	
Cycle 1-a hmuh	Rs.	54288	
Kum 1-a hmuh	Rs./Year	36192	