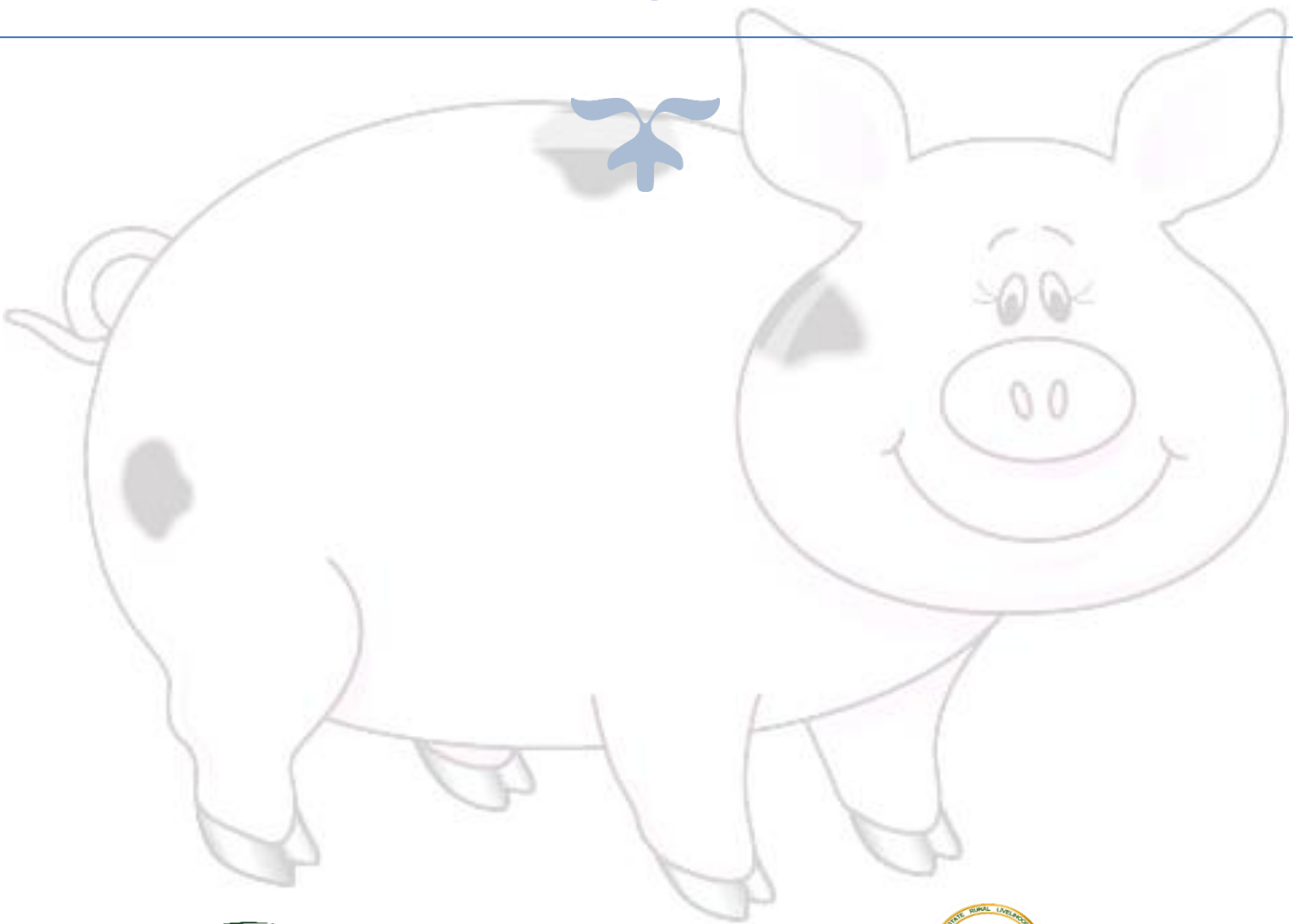




VAWK VULH DAN



Sesta Development Services (SDS)
Guwahati, India



Mizoram State Rural Livelihoods Mission
Rural Development Department
Government of Mizoram

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Thuhmahruai

Vawk vulha eizawna hi India ramah chuan sumdawna tha leh hlawk tak a ni a. A sa thar tam thei chi (breed) hi khawvelah tam tak a awm a. Chung zinga thenkhatte chu India ram sik leh sa nen pawh a inmil viau a ni. Hmanlain vawk vulh hi hna zahawm loah an ngaih thin avangin mi hnuaihngung deuhte'n an vulh ber thin a. Nimahsela, tunah chuan a hlawkzia an hriatin chutiang ngaihnan chu a inthlakthlengna nasa tawh hle a ni. Mi vantlang leh mite aia chungnung deuhte pawhin vawk vulh lama mithiam te rawn chung zelin eizawn nan an hmang tawh a ni. Heng China, Russia, America, Brazil leh West Germany ramte hi khawvela vawk vulh nasatna ram an ni a. India ramah pawh Uttar Pradesh state hi vawk vulh tam berna a ni ve bawk.



Vawk vulh hlawkna chhan

- ✚ Vawk hi an thang chak em em a. An chaw lak ang hu zela ran thang chak ber pawl a ni.
- ✚ Mi ei atana ei tlak chiah loh thlai te, buh leh bal te emaw, chaw ningnawi emaw, engpawh ei theih tawh phawt chu han pe ila, sa tui takah a chantir thei a ni.
- ✚ Vawk hi ranvulh zingah a puitling hma em em a; a nu hi thla 8-9 ah an hur thei a. Tin, kum khatah vawihnih chu no 8-12 vel a nei thei thin bawk.
- ✚ A sa hi a thau that em avang hian chakna (energy) a pai hnem hle.
- ✚ Vawk in sak nan hian senso pawh a hautak lo tlangpui thin.
- ✚ A sa hi paih tur mang a awm loh avangin a buk a chhuak hnem hle bawk.

Lei leh zawrhna lam

Kum B.C 7000 vel atang daih tawh khan vawk hi mihring ten kan vulh tawh tih hi mithiamten an ring a. India ramah pawh hmarchhak lamah hian an vulh nasa hle a, India ram vawk za zela 28 lai hi a tling. Chuti chung pawh chuan kum tin ramdang atangin chawkluh reng a ni a. Kum tin 11% in a pung a; kum 2015 ah phei chuan 28% in lakluh a pung a ni. Chungte chu hotel-ah te, restaurant-ah te leh supermarket-ah te an pe thin a. A tlangpuiin Belgium, Sri Lanka leh Spain atangin chawkluh a ni thin.

Vawk vulh hmathlirte

Ranvulha eizawna hian India rama ei leh bar kawngah hmun pawimawh tak a luah a. A chhan chu mipui maktaduai 20.5 vel laiin intodelh nan an hmang a ni. India ram sum dehchhuahah pawh thingtlang miten 14% an thawh laiin, farm tenau deuhte pawn 16% chauh an thawh phak a; chu pawh thingtlang mi hmun thuma thena hmunhnhit te eizawna anih vang a ni. Tin, India ram puma hnathawh tur 8% a pe. Agriculture GDP 25.6% ah hian 4.11% hi ran atanga hmuh a ni. India rama sa tharchhuah zat hi ranpuiah 60% a ni a; ran te ah 15%, vawkah 10% leh ar ah 12% te a ni.

Animal Husbandry in kum 2012-13 annual report-a a tarlan danin, India rama vawk awmzat chu maktaduai 11.1 a ni. Tichuan, vawk atanga protein kan thar hi a tlem hle a, 7% chauh a ni. Chu pawh hmarchhak tlanga miharsa zawk ten mahni remhriat ang ang a vulha thar thei chauh kan ni. Vawk population hi a tlahniam chak hle tih 18th Livestock Census of India (2007) chuan a tarlang a. Chuvangin, vawksa kan in daih lohna

phuhru turin tam tak chawkluh thin a ni. MoFPI chuan India ramah hian sa talhna in 3600 awm niin a sawi a. Chunga a tam zawk te chuan International Standard an phak loh avangin an export ngai loh bakah, vawktalh nan an hmang ngai vak lo.

“Household consumption of goods and services” 2011-12, NSS, India in a tarlan dan chuan Mizoram aiin Nagaland miten vawksa an ei nasa zawk a. Hmarchhak tlangdungah chuan heng state pahnihte hi vawksa ei nasa ber an ni a. A vulhtute erawh mi harsate leh khawtlanga mi hnuaihngung zawkte an nih thin avangin intodelh thamna tura eizawnaah an chantir thei thin lo a ni. Chuvangin, vawk vulh lama India ram ti hmasawn tur chuan Scheme tha leh sum lu tlem a zawng bakah tunlai thiamna hawi zawnga tan lak a ngai tawh a. India sawrkar chuan hei hi a ngaih pawimawh em avangin ram chhungah vawkpui vulhna 115 hawn chu Five year Plan-ah a ruahman a ni.

Vawkvulh thatna tehfung (SWOT Analysis of Piggery sector)

<p>Thatna (Strength):</p> <ul style="list-style-type: none"> ➤ Vawk no lak tur a awm reng thei thin. ➤ Vawk chaw tur dai hnaiah a dap chawp theih. ➤ Mi tihdan entawnah a innghat. ➤ Sumlu a ngai tam lo. ➤ A vulh a hautak loh avangin a hlawk hle. ➤ Vawk chaw khawm tur a awm mai thin. ➤ Vulh chhung a duh rei ngai lo (Thla 8-9 ah an zawrh theih). ➤ Vawk no hi tumkhatah 8-9 vel an piang ziah ang a ni. ➤ In a duhzau lem lo. ➤ An ei ang apiang sa a an chantir leh an ruh a len loh avangin a sa a hlawk. 	<p>Thatlohna (Weakness):</p> <ul style="list-style-type: none"> ➤ Vawk chi tha a tlem tual tual. ➤ An thang mawh tawlh tawlh. ➤ A hlawkna inhrilhhriat a khat. ➤ Mi thiamte nena thawhhona a vang. ➤ Tual vawk chu duh angin a thang lian vak lo. ➤ Vaccine leh tul dangte mamawh hunah a awm mai thin lo. ➤ Zawrh chhuah dan a that loh avangin a hralhna rate a tha thei lo. ➤ Renchem taka vulh dan inhrilhhriatna a awm lo. ➤ Kah rai aiin pawltir a tha zawk tih ngaihdan nei an awm tlat thin.
<p>A fuhna chhan (Opportunities):</p> <ul style="list-style-type: none"> ➤ Bazarah in chan loh chang a tam thin. ➤ Ei duhtu an pun zel avangin demand a tam. ➤ Margin a sang. ➤ Kawt kaia vulh mai a awlsam. ➤ Mahnia eizawnaa a siam theih. ➤ Industry angin lian tak pawn a din theih. ➤ Tam tak vulh lo tan pawh eltu lian tak an awm loh avangin an hlawkpui hle. ➤ Demand leh supply rate a in thlah em avangin a man a tla thei lo. ➤ Sa sattu leh kharchhawngtu ten a vulhtute tan na lovin an leisak thin avangin vulh a sual thei lo. ➤ Hmeichhe hamthatna siamsak nan a tangkai hle bawk. 	<p>Hlahuthawn awmte (Threats):</p> <ul style="list-style-type: none"> ➤ Natna inkaichhawn theih a tam. ➤ Ramri a khuahkhirhna a awm loh chuan hrileng a thlen bakah vawk hralhna rate a tihnam thei. ➤ Vawk sa ei thianga lova ngaihna kuaah chuan a vulh chi loh. ➤ Thingtuah tur lak a tam chuan ramngaw a ti chereu ve. ➤ Ramngaw humhalhna sawrkar in a khat tawka a kenkawh loh chuan a la pawh thei. ➤ Thisen hnai tak inpawltir a hluar chuan vawk chi a chhe tual tual. ➤ Vawksa a to lutuk chuan sa dangah mi an pakai daih thei. ➤ A hlawkna hre tak tak vulhtu an tlem.



Technical Protocol

Breed

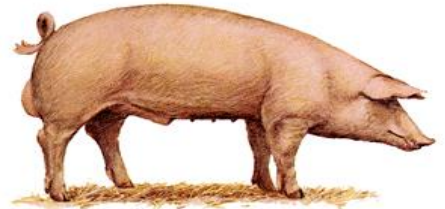
Breed kan tih chu ran reng reng, thil hrang hrang leh kawng tam taka in anna emaw in chhunna emaw nei a, chi hlawnkhat an ni tih va hriat theih nghal si hi a ni. Chutiang tehnte chu :

- Rawng: A dum, a var, a buang, etc.
- Rawng inpawlh: A tial, a rang, etc.
- Beng awmdan: A tung, a thlep, a hmawrthlep, etc.
- Hmui sei zawng
- Taksa pum sei zawng leh ruangam
- A puitlin a a rih zawng
- Hnungzang: A kul, a ngil, a pawng, etc.

India rama kan vawkte hi a lian lovin an than pawh a tha lo tlangpui a, in thlahpunna kawngah pawh a hnufual hle a ni. Chuvangin, USA te, Europe leh Australia atangin thlahpawlh tir atan vawk chi tha lakluh thin a ni.

Vawk Breed chi hrang thenkhat :

Landrace: A vun var, beng hlai leh thlep a nei a. A nghawng leh a ruangam a sei a, a dar a zuih thla. A hmui zum, a lu chik chi a ni. Vawk thang chak tak leh no ngah thei tak a ni. Amaherawhchu, a ke a ria avangin a ke a chak lovin a inhliam hma bik.



Large White Yorkshire: A vun var, a beng hlai lutuk lo a tun ve thin. A hnar a zum lutuk lova, a ruangam a kul deuh; a taksa hmalam a hrawl deuh. Vawk thang duh tak leh no ngah thei tak a ni ve. Hnute tui a ngahin a no a duat thei hle. Khungbeh tlat chi a ni a, kawmchara tlat tir loh chi a ni.

Hampshire: A vun rawng dum chi niin a zak emaw a rang thin. A khan a hniam a, a ke erawh a chak tha hle. A beng pawh a tawiin a tun va thin. No a ngah ve tho a, hnute tui pawh a pe tha thin. A thau lutuk lova, hmun tawmtawi leh kawmchara pawh tla se an buai ngai lo.



Duroc: A vun sen, beng hlai lutuk lo hmawr thlep si a ni a. A hnar pawh a bek bik hle. A taksa a in zo

a, a ke pawh a chak tha. Vawk thang duang tak niin no tam tak a nei thin. Khawi hmuna pawh a tlat tir theih a ni.

Zo vawk : Mizorama vawk breed kan neih ve a ni a, a pa hi kg 55 bawr vel leh a pui kg 60 bawr vel an ni tlangpui. A rawng dum niin a dul hnuai lem leh a ke hmawr a var tlangpui. A beng a tein a tung deuh ar a, a dul a fual a, a hnungzang a kul deuh; a ke a tawi a, a hmui a zum deuh bawk. Tum khatah no paruk vel a nei tlangpui a, natna a kai har a, sum seng mang lova khawi mai mai theih an ni.



Table : Breeds pianphung chi hrang hrang te:

Breed	Vun rawng	Beng awmdan	Type	Ram	A chungchang
Landrace	Var	Thlep	A sa ei	Demark	Hmui sei, a ke ria
Large White	Var	Tun va	A sa ei	England	Thang chak, no ngah, sa tui tak
Hampshire	A zak rang	Tun va	A sa ei	USA	Khan hniam, ke chak tha
Duroc	Sen/eng (Golden)	Tun hmawr thlep	A sa ei	USA	In zo tak, ke chak, thang duh leh tuar fei tak
Zo vawk	A dum, a ke var	A tung	A sa ei	Mizoram, India	A ke tawi, hmui sei, dul fual

Vawk vulh tute hriattur

Vawk in sak chungchang: Hlawhtling taka vawk vulh tur chuan a in leh a sakna bungrua ngaih pawimawh a ngai a. A chhan chu, ruah leh thli bakah hri leh seh thei tu laka an tawm himna a ni tel a ni. Tin, boruak luhchhuahna tha tak siam tur a ni a. A pa chi thlah tur dahna te, a no hruai dahna te, a dam lo dahna te neih hran ngei ngei tur a ni.



- ✚ Vawk in hi saptawng chuan Pig sty an ti.
- ✚ Vawk puitling tan feet 10-12 vel a zau a ni tur a ni.
- ✚ Concrete emaw, thing emaw, mau emaw pawh hmangin a sak theih
- ✚ A chhuat chu nal lo leh tihfai awlsam a siam hram tur.
- ✚ A zun leh ek luangral turin a chhuat hi a in hnung lamah tih awn thin tur (degree 5 velin).
- ✚ A chaw kuang hi feet 2 aiin a te tur a ni lo.
- ✚ Eng chhitna tur ruahman tel ngei ngei tur.
- ✚ A chung hi a hniam lai berah feet 5 tal a ni tur a ni.

Hriselna leh thianglimna chungchang

- ✚ Vawk in chhuat hi a rimchhiat lohnan tihfai ziah tur
- ✚ Mizo ten tuisen kan tih $KMnO_4$ (Potassium Permanganate)-in a chaw kuang, chhuat leh bangte tihfai thin tur (Tui litre 1 ah 2.5 gm vel)
- ✚ Tumah vawk in kiangah kal tir loh tur.
- ✚ Hnathawkte pawh thawmhaw a hranpa neih nise.
- ✚ Vawk in chhehvel leh a panna kawng pawh tuisen theh thin tur a ni.



Hridanna leh rulhut hlo pek dan

Vaccine chu natna kan dolet theih nan leh kan hneh ngei theih nana mithiamte siamchhuah invenna damdawi hi a ni a. Kan thisen sipaite thuam chaktu leh hri laka min vengtu a ni.

Sl. No.	Upat zawng	Vaccine hming	Jection dan (Route)	Dose
1	Ni 30	Swine Fever (Vawk pulhri venna)	I/M or S/C	1 ml
2	Ni 45	FMD (Ke leh ka na venna)	I/M or S/C	1 ml
3	Ni 60	Swine Fever (Vawk pulhri venna)	I/M or S/C	1 ml
4	Ni 75	FMD (Ke leh ka na venna)	I/M or S/C	1 ml

Intramuscular (I/M) : Tihrawlah

Subcutaneous (S/C) : Vun hnuaiiah

Rulhut hlo pek dan:

Sl. No.	Upat zawng	Rulhut hlo hming	Pek dan	Dose
1	Ni 42	Fenbendazole	Ka/Oral	Mum 1 (150 mg)
2	Ni 63	Fenbendazole	Ka/Oral	Mum 1 (150 mg)
3	Thla 5	Fenbendazole	Ka/Oral	Mum 2 (150 mg)
4	Thla 8	Fenbendazole	Ka/Oral	Mum 3 (150 mg)
5	Thla 11	Fenbendazole	Ka/Oral	Mum 4 (150 mg)

Vawk chaw pek dan

Vawkin a chaw ei atangin chakna te, vitamin, mineral leh protein an mamawh tawk an hmu tur a ni a. Ningnawi chaw pe lovin vawk chaw tha bazaar a siamsate leisak zeuh zeuh thin a tha. An chaw ah chi tlem leh Mineral mixture pawlh thin tur a ni. Tui thianghlim in tur dahsak ngei ngei tur a ni bawk.

A bawlhlo	%	Chawtha pai te
Choka ningnawi	50	Protein, carbohydrates and fats
Hnimhnah chhum (Entirnan: Pangbal, kawlbahra, bal)	30	Roughage, Protein and carbohydrates
Zikhlum	10	Roughage, Protein and carbohydrates
Oil seed cake	4	Fats and Vitamins
Sangha/Fish meal	4	Proteins and Vitamins
Chi	0.5	Sodium
Mineral mixture	1.5	Minerals

Vawk chaw pek dan chhutchhuah dan

A bawlhlo	Tehna	A man zat (Rs/Kg)	Pekdan tlanglawn		Pekdan tha	
			Ni 1 a eiral zat	Ni 1 a senso zat	Ni 1 a eiral zat	Ni 1 a senso zat
Chaw ningnawi	Kg	0	1	0	1	0
Hnimhna hring	Kg	0	1.5	0	1.5	0
Buhfai	gm	20	250	5	500	10
Oil seed cake	gm	40	0	0	50	2
Mineral mixture	gm	250	0	0	20	5
Chi	gm	10	0	0	15	0.15
Concentrate feed	gm	30	0	0	0	0
A chaw ei zawng zawng	Kg/Day		2.75Kg	Rs. 5	3.085 Kg	Rs. 17.15

Nitina vawkin chaw a mamawh zat (Packed/Formula Feed)

Upat zawng (Thla)	Ni 1 a ei zat (Kg)
1-2	0.5
2-3	1
3-4	1.25
4-5	1.5
5-6	2
6-8	2.5
8-12	3



Vawk note pianghlim enkawl dan

- Vawk note chu a pian veleh nu hnute tui (colostrum) hnektir ngei ngei tur.
- Vawk no tha chu a pian veleh 800-1200 gm a ni thin.
- A lai hrui hi pemthar damdawi (Betadine) hnawih tur a ni.
- Karkhat an tlin hma chu nu hnute tui nikhatah tum 4 tal hnektir thin tur.
- Karkhat hnuah chuan protein pai tam chi a chawah pek tel a tha.
- A chaw pek that chuan ni 21 atang ni 35 chho velah an lak hran theih.
- Vawk note hi iron-a chiu ngei ngei tur a ni a, a ni 4-na ah leh ni 14-na ah chiu tur a ni.

A thanlen dan	
Upat zawng	Rih zawng
Thla 2	20-25 kg
Thla 4	35-45 kg
Thla 6	55- 65 kg
Thla 8	75-100 kg
Thla 10	100-120 kg
Thla 12	120-150 kg

Record vawn that

- ✚ Vawk vulh hautak dan hrechiang turin record fel taka dah thlap tur a ni.
- ✚ Record mumal tak neih hian a lehpeka in vendan tur leh pumpelh dan hriatnan a tangkai thei hle.
- ✚ Record bu chi hnih a awm a:
 - I. Tharchhuah record-na: Ran enkawl dan ziahna a ni a. An rih zawng te, an than chak dan te, a dam lo leh vaccine pek dan ziahna a ni.
 - II. Senso record-na: Sum hmanral zat ziahna tur a ni. Entirnan vawkte man, leina hmun, lei ni, chaw lei zat, a chaw man, a hralhna zat tih te ziah tur a ni.

Vawkpui rai lai enkawl dan

Vawk rai hian no tam tak a pai thin avangin uluk taka enkawl a mamawh thin. A hnuaia tarlante hi zawm hram thin tur a ni.

1. Rai leh rai loh finfiah
2. A rai lai chaw pek uluk
3. A rai lai dimdawih taka enkawl
4. Vawk in leh no neihna hmun neih
5. A no hrin huna an awmdan tlangpui hriatsak
6. No neih zawha enkawl dan

Rai leh rai loh finfiah dan

- Vawk rai leh rai loh finfiah dan tha leh awlsam ber chu a hur leh hun tur chhuta, a hur nawn loh chuan a rai a ngaih a ni (pawl tir atanga ni 21-naah a hur leh hur loh en a, ni 42-naah en leh tur a ni).
- A mawnin chunglam a hawi chhoh chuan a rai tihna a ni ve thei bawk.

A railai chaw pek uluk

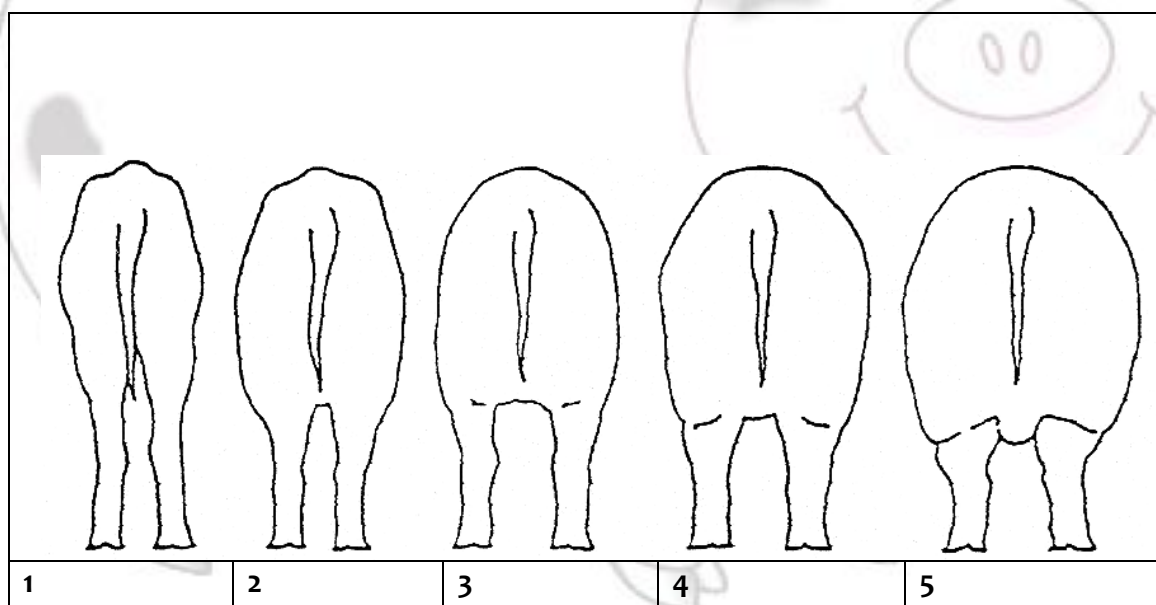
- Protein tamna chaw pek uar tur (Be lam chi)
- Chakna chaw a mamawh rualin a lutuka pek chuan thau luatna a thlen thei a, no hrin a harsat pah thei.
- Mineral leh vitamins bakah chi hi pek uluk ve tho tur.
- Hriak herna fe (oilseed cake) lampang pek tam a tha.
- Tui thianghlim in tur a chaw let 3-4 vel chhawpsak thin tur.
- Vitamin A hi a bik takin an mamawh tel thin.
- Rai tirh (thla khatna) a chakna paitam chaw pek teuh teuh chuan a no tihna a thlen thei.
- A rai lai ni 75-90 chung chuan chakna tamna chaw pek tlem deuh tawh tur.
- Chumi hnu atanga no neih ni thleng chuan chaw pek tam leh deuh tur.

A nopai hun chung	Chaw pek dan tur
A no hruai tawp atanga a hur hmasak leh thleng	A ei theih zat a tam a pek theih
Pawl tir atanga ni 21 thleng	2-2.25 Kg
Ni 21-75	2-4 Kg
Ni 75-90	2- 2.5 Kg
Ni 90- 114	2.25-3 Kg

Taksa hmelhmang zira score	Hmelhmang	Taksa pumrua
1	A cher lutuk	Hnungzang leh khel ruh a lang chiang
2	A cher	Khel leh hnungzang ruh khawihin a hriat ve
3	A mawi tawk chiah	Na taka nem chauhin a ruh a hriat theih
4	A thau	A khel leh hnungzang ruh khawihin a hriat theih loh
5	A thau lutk	A taksa a chhahin a mum tha hle

*Body Condition Score-a pathumna hi a duhawm thin.

Body condition score (Taksa hmelhmang lan dan)



Vawk rai enkawl dan

- Nitin chaw pek pahin a hawiher leh pawnlam landan uluk taka thlithlai ziah tur a ni. Danglam deuha a awm emaw, chaw a thlah emaw, a taksaah natna a lan chuan rang taka khung hran a, Vety doctor te rawn vat thin tur.
- A rai tantirh hian a bikin fimkhur tur a ni a. In sual emaw, dim hauh lova khawih emaw, hrehawm taka siam emaw hi a tha lova, nau a chhiah pah thei a ni.
- Khawlum lutuk hi an tuar thei lo hle a, chuvangin chhunah te bual a tha thin.
- A awmna in sawn dawn reng rengin fai takin a vawk leh a in kha silfai thin tur a ni a. A hma lama rulhut hlo lo eitir a, damdawi emaw tuisen nen emaw theh a tha bawk.

Rai laia tih turte

Ni zat	Thil tih ngaite
0	Pawl emaw kahrai tir (pangngai taka chaw pek tur)
21 st	A hur leh hur loh finfiah tur
28 th	A theih chuan ultrasound in a rai leh rai loh finfiah leh tur
28 th	A rai hlauh chuan chaw pek hnem tan tur
42 nd	A hur leh hur loh endik leh tur
85 th	Chaw pek dantur an siam angin chaw pek tam leh deuh tur
102 nd	Phar hri venna pek tur
105 th	Rulhut hlo pek tur
108 th	Phar hri venna pek leh tur

Hriattur: A railai hian a veivah tam loh avangin a ek khalin a no lo chhuahna a dipdal thei thin. Chumi pumpelh nan chuan a no hrin hma ni 3-7 velah tui tamtak leh hnah lampang pek uar thin tur.

Vawk rai lai in leh a no neihna in sawngbawl dan

- Vawkpui chu no a neih hma karkhat velah a no neihna inah sawn tur. Hei hian a ti tlangnel anga, tha takin no a neih theih phah ve thin.
- Vawkpui chu a no neih hma in tui leh sahbawnin bual fai tur a ni a. A neih hnaih lamah pheih chuan a mawngbawr leh a hnute bul vel faitaka sil thin tur a ni. Rulhut tui leh natna hrik tam tak a note in a kai loh nan a ni.
- A no neihna tur hmun pawh damdawi nena thah hmasak ziah tur.
- A note khung hranna siam tel tur a ni. Chutilo chu a puin a raphlum palh thei.

Vawk no vei hriat theih dan

- a. A bu tur a siam thin, thing leh bang te a seh thin.
- b. Ui ang maia thut tun chang a nei.
- c. A hnute bu leh hnute hmur a lian.
- d. A serh a lian deuh ang.
- e. A zung sek thin.
- f. A hnute tui a put thin.
- g. A serh atang tuihnang a chhuak thin.
- h. No vei tih hriat takin a khawsa thin.
- i. A hnute tui a far atanga darkar 24 velah no a nei tlangpui.

Vawk no nei puih dan tur

Vawk vulh chhung zawnga hna hautak leh pawimawh lai ber chu no an neih lai hi a ni thin. Nileng leh zankhua in vil an ngai thin a. A tuldan a zirin a san pek laiten lo tanpui thin tur a ni. A tuibawm keh atanga a neih tak tak hma hi darkar khat atang darkar engemaw chen a ni thei, chi ai loh tur. Tin, a no neih inkar zel hi minute 15 aia rei lo zel tur a ni.

Vawk no neih rei zawng inkar:

Minute 30

Darkar 2.5

Darkar 6

No a neih lai takin vawkpui chu ngaihsak a tul em em thin a. Amaherawhchu, a theih phawt chuan amah chauha neih tir tur a ni, a tul chauh in puih tur.

Vawkpui hian puih a mamawh khat thin. Mahse heng a hnuaia tarlante hi a awm hlah chuan puih tur a ni:

- 1) Awm hle hle lova a vahkual rengin
- 2) Nasa taka san a pek vak vak in
- 3) A no neih inkar chu minute 45 aia a rein, hetiang thil a awm chuan neih dan pangngai a ni lo tih hriat vat a, puih thuai thuai tur a ni.

Vety doctor te hnena thlenvat leh a tul anga in rawn vat thin tur a ni. Vawk upate, thau lutuk te leh zam vakte hian no neih ah an buai thin a ni.

Vawk no nei puihdan tlangpui

- A serh leh a vel fai taka silfai sak tur a ni
- Kut fai takin sil la, hnawih mawm rawh
- A serh ah zen a, a chhul thleng zen tur
- A chhul a vawkte i dap hmuh chuan a ke emaw a lu atang emaw pawh chhuah tum tur. A tang emaw a in thuah an awm chuan pakhat zawk nam kir tur.
- Vawk no i dap fuh hleihtheih loh chuan damdawi nen chiu a ngai tih hria la, Mithiam ko vat ang che.

Hetianga lo puih a ngaih hian fimkhur a ngai hle tih hriat tel tur a ni a. I pawh chhuah zawng emaw i zenna lamah khan a chhul te, a serh bang te a thlerin a hliam thei a. Nakinah chhul lawng leh chhul natna a neih phah thei thin a ni.

No a neih hnua hriat turte

- Vawk pui leh vawk no te chu khawsik tehnaah 101°F leh 103°F hi a pangngai tih hriat tur.
- No a hruai hun reizawng hi enkawl dan a zirin ni 28-56 a ni thei.
- Vawk no lak vat hi a pui hur vat nan a tha a, mahse a no duatsak a ngai thung.
- A hnute tui a haw that leh that loh endik reng tur a ni.
- Vawk pui leh a no hian tawmna hran an neih ve ve a ngai a. In kalpawh harsa lo leh chep lutuk lo an mamawh a ni.
- A no hian lum an mamawh avangin an tawmbuk kha hung a, eng chhit mai tur a ni.

Hriattur pawimawhte:

- Vawk no khungna chu tih lum that tur a ni (A tul anga vawng lum turin bulb chhit sak a tha)
- Vawk te khungna chu meter 1 bial tal a ni tur a ni.
- Vawkpui mut zalna tur chu meter 2 bial vel tal a ni tur a ni.
- Vawkpui hungna hnuaiber (thing emaw thir tlawn) chu chhuat atanga 20-24 cm aini a hniam tur ani lo.
- A chaw thleng hi feet 2 tal a ni tur a ni.
- Vawkpui mut zalna chu tihdaih thin tur.

Vawk no enkawl dan

Vawk hi a lu emaw a mawng zawngin an piang thin tlangpui a. Vawk thenkhat chu a duar nena la tuam in an piang thin a. Chutiang a nih chuan lakchhuah vat a, thawk pek thin tur a ni. Chutilo chu thawchham in an thi thei. A nihloh chuan khawih chet vak a tul lo.

An laihruai tansak: An pian veleh an laihruai hi engtin mah la tih loh tur a ni. Natna hrik luh a hlauhawm avangin nghah deuh rih tur. Tih hul that tawh hunah chauh a taksa atanga inches 1 tala hlaah tan sak tur. A tanna hmuamhma chu damdawi (Betadine) hnawihsak ngei ngei tur a ni. A laihruai atanga thi a put chuan inches 1 vela hla ah hrui thianghlim nen tawnsak tur. A laihruai damdawi hnawih hi a pawimawh em em a ni.

Ha tan sak: An ha hi tansak thin tur a ni, chutilochu a pui hnute hmur an hliam theiin, an in seh hliam thei. An ha hi a vaiin pariat tan tur a awma, a ha chung leh hnuaiah pali ve ve. An ha tansak hian a thuk lutuk a tan chuan a thi duh thina, a chanve pelh loh hram tur. An ha tan a pawimawh rualin tihnat sak chuan natna avangin an thih phah thei.

Up lum: Vawk no hian a pui aini lum an mamawhna a sang zawk tih hriat a tha a. Degree 30-32 celcius hi nuam an ti tawk hle thin. Chu chu bulb watt 60 pahnih velin a pe thei a. Heater a awm pawn a hman theih tho.

Colostrum hnektir: An pian atanga ni 3 vel thleng a pui hnute tui tha bik (colostrum) a chhuak thin a, hnektir ngei ngei tur. Vawk note te thisen a tichak thei a, chu chuan natna a do letnaah nasa takin a pui thin a ni. An pian atanga darkar 36 hnuaah taksa ralveng khawl tichaktu hi a tangkai pui tawh loh thin avangin, an pian hlimah a tam thei ang ber hnektir char char tur.

Iron injection: An pian atanga ni 4 leh 14-naah Iron-a chiu ngei ngei tur. Chutilo chu an len hunah iron tlakchhamna avanga harsatna an nei thei thin. A chhan chu vawk hi a pian tirh hian a thisenah 50mg chauh iron a nei thin a, chu chu a thanlen nan a tawk lo hle a ni. Karkhat chung thannan nitin 7 mg a mamawh a, chu chu vawkpui hnute tui a iron 1-2 mg a dawn hian a puhru thei lova. A kar hnihnaah pheih chuan 10 mg nitin a mamawh a ni. Chuvangin, a thanthat nan iron pek hi a pawimawh em em a ni.

Iron pektur zat chhut dan:

Nitin mamawh zat = 7 mg

Hnute tui a iron awm zat = 1-2 mg

Daih lohna = 5-6mg x ni 30

= 150-180 mg (pek zat tur)

Iron hi ei chi te pawh awm mahse, an la tet em avangin chiu a la tha ber a ni. Iron hi a bur tam tak a awm a, chungte chu a chak zawng a in ang lo theuh a ni. 1 ml zela 50 mg te, 100 mg te, 200 mg te a awm thei a ni. Chutianga a chakdan anih chuan 4 ml, 2 ml leh 1 ml zel a chiu tur tihna a ni.

Iron an tlakchham chuan an taksa a danga, an tuan a muang thin hle bawh. Tin, an thang muangin, hmul te an nei tlem a, an chawrche emaw, an cher a, thawhah emaw in an awm thei.

A pui delh: Vawkpui vulh chuan a no a delh duh tih hriat a tha. Chutiang a thlen chhan tlangpui chu:

- A pui ke chakloh vang a ni thei. Chutiang vawh chu an thut hian an tlu tawp thin a, a no a delh phah thin fo a ni.
- Vawh te chak lo deuh an in saseng hmang thin lo.
- Vawh in sak fuh loh vang te, a chhuat a nal avang ten a puiin a delh thei.
- A lum that loh chuan vawh note ten a pui an pan khawm thin a. Chu chuan hetiang thilthleng hi a ti punlun duh.
- Tui pek tlem lutuk avanga a pui thawhsek a ngaih hian a belhchhah ve bawh.
- A note te khawih leh chhah hian a pui a awm hle hle tir thei lo.

Vawh no hruai lai chaw pek dan

Vawh pui chaw pek dan hian pawimawhna a nei ve a. Chaw pek tam lutuk chuan a hnute tui a khal thei. Chu chuan a no riltamin emaw kawthalo in emaw a siam thei. A chaw pek dan tur chu:

- No a nei darkar 24 chhungin :0-1 kg
- A tuk ah : 2 kg
- Chumi hnu chuan chaw pek tam hret hret tur. A pui tan 1.5 kg leh a no tan vawh te pakhatat 0.5 kg theuh hisapin a pui kha chaw pek tur. (Heta a tam lam hi a chaw tha concentrate feed kan tih ang chi ho sawina hi a ni a, a chaw kan chhum thin pangngai hian a that lamah a tluk pha thin lo)

Chaw tha (ranchaw siamsa) pek . A no hruai lai hi chuan a fe tamna lampang chaw pek tam loh hram tur. Tin, khawlum avang leh a no tam lutuk avangin chaw an ei tam theih loh chang a awm thei.

Table: Vawh rai theih chung zawnga chawm dan tur

Sl. No.	A hun chung	Qty/Day/ Sow (kg)	No. of Days	Total feed (Kg)	Type of feed
1	Lak ni atanga a ni sarihna	4	6	24	Lactation feed
2	A hur leh hma ni zawng	2.5	19#	46.75	Gestation feed
3	Pawltir ni atanga ni 28-na	2.5*	28	70	-
4	Ni 29-85na	2.75*	57	156.75	-
5	Ni 86-112na	3.25*	17	55.25	Gestation feed
6	Ni 113-114 na	2	2	4	Gestation + Lactation feeds
7	Ni 115-na (No nei ni)	1	1	1	Lactation feed
8	No nei atanga ni 1-na	2	1	2	-
9	Ni 2-na	2.5	1	2.5	-

10	Ni 3-na	3	1	3	-
11	Ni 4-na	3.5	1	3.5	-
12	Ni 5-na	4	1	4	-
13	Ni 6-na	4.5	1	4.5	-
14	Ni 7-na	5	1	5	-
15	Ni 8-na	5.5	1	5.5	-
16	Ni 9-na	6	1	6	-
17	Ni 10-na	6.5	1	6.5	-
18	Ni 11-na	7**	1	7	-
19	Ni 12-41na	7	30	210	-
20	Ni 42-na (No lak hun)	Nil	1	0	-

*Vawk no neih vawikhatna anih chuan 0.25 kg in pek tlem zel tur

** Vawk note neih zat hi 11-ah chawh rual a ni

≠ A hur leh hma ni zawng hi ni 19 anga chhut a ni (Kumtin vawihnih no neih hisap in)

Vawk note chaw pek dan

Vawk note an tam chuan nu hnute tui an kham lo thin a. Chuvangin, kar hnih an tlin chuan chaw tlema a sial deuh pek a tha. Tin, hun a lo rei zela, a pui hnute tui pawh a kang ve zel avangin chaw pek hi a sual lo tlangpui. Chutulo chu, vawk no an thang tha thei lova, an than a kin vat theih avangin chaw tha pek a tul thin.

- Chaw tharlam leh thianghlim chauh pek thin tur ani. Chuvangin, a pui ei phak lovah dah a tha.
- Ni 10-14 an tlin in a pek tan theih a. a no lak hma ni 10 velah pek ngei ngei tur.
- A kuang a chaw thing reng reng paih zel tur, cahw thar nen pek fin loh tur.
- A tawk chauh a chaw hrai tur.
- Tui thianghlim engtik lai pawn a kuangah dahsak tur.
- An chaw pawh a hmuar emaw a chhiat lohnan hmun himah dah tur.

Table: Vawk naute chaw pek dan tur

Vawk note upat zawng (Kar)	Nikhata vawk note pakhat ei ral (gm)	Chaw pek tur chi
Kar 2	100	Creep feed
Kar 3	150	Creep feed
Kar 4	200	Creep feed
Kar 5	300	Creep feed
Kar 6	400	Creep feed+ grower *
Kar 7	500	Grower
Kar 8	600	Grower
Kar 9	700	Grower
Kar 10	800	Grower



Vawk hriselna vawn dan

Hrileng leh nasat avanga thihna hian a bikin vawkpui vulhtute tan channa nasa tak a thlen thin a. Chuvangin, an hriselna venhim sak hi thil pawimawh tak a ni. Animal husbandry lama mi thiamten vawk in sak dan leh chaw pek dan tur an rawt hi chutiang pumpelh nan zawm a tha em em a. Tin, vaccine leh damdawi bakah a vulhdan tur an rawt zawm hi vawk vulhtute leh vawksa ei tute tan pawh a tha in a him thin a ni.

CBA (Cost Benefit Analysis) of Fattener Pigs			
Parameters	Unit	Existing	Recommended
No. of Piglet	No.	2	2
Age of Piglet (At the time of buying)	Months	2	2
Wt. of Piglet (At the time of buying)	Kg	12-15	15-18
Duration of Rearing	Months	12	11
Adult Body Wt.	Kg.	70	90
Feed Ingredients	Consumption Per Day		
Kitchen Waste	Kg	1	1
Gren Leafy Material	Kg	1.5	1.5
Rice	gm	250	500
Oilseed Cake	gm	0	50
Mineral Mixture	gm	0	20
Salt	gm	0	15
Formula Feed (Packed Feed)	gm	0	0
Total Feed Consumed	Kg/Day	2.75	3.085
Cost of Feed Ingredients	Unit Cost (Rs./Kg.)	Cost (Rs)	Cost (Rs)
Cost of Grain (Rice)	20	5	10
Cost of Oil Seed Cake	40	0	2
Cost of Mineral Mixture	250	0	5
Cost of Salt	10	0	0.15
Cost of Formula Feed	30	0	0
Cost of Feed Per Day	Rs./Day	5	17.15
Expenses			
Piglet Cost	Rs.	5000	6000
Feed Cost (Total in Rearing Duration)	Rs.	1800	5659.5

Medicine & Vaccine Cost	Rs.	100	100
Sanitation Exp.	Rs.	0	100
Misc. Exp.	Rs.	500	500
Total Expenses	Rs.	7400	12359.5
Revenue			
Total Meat available	Kg	70	90
Price of Meat	Rs./Kg.	300	300
Sale Revenue	300 Rs./Kg.	21000	27000
Profit	Rs./Pig	13600	14640.5
Total Profit (unit of 2 fattener Pigs)	Rs.	27200	29281
Duration of Rearing	Months	12	11

NRLM hian vawk vulh dan thar chhawp chhuah tum lovin, tuna hman mekte hi thum that a tum zawk a ni. Chuvangin, Breeding Unit thar siam lovin, tuna a awmsate hi tih changtlun a tum zawk ang.

