

---

# EXPERIMENT 6    ARNATNA ENKAWL LEH VENNAATANA DAMDAWI TLANGLAWN

---

## Zirlai ruangam

### 6.1 Thukamkeuna

A thiltum

### 6.2 Experiment

6.2.1 Thubul

6.2.2 Mamawh

6.2.3 A tih dan tur

6.2.4 Hmuh dan

6.2.5 Hmuhchhuah

### 6.3 Fimkhurna tur te

---

## 6.1 THUKAMKEUNA

---

Poultry farm hlawhtlinna chu an damthatna leh an thawhchhuahah te a inngat ber a ni. Poultry farm hlawhtlinna tibahlah thei kawng te chu, natna thlen theitu kawng hrang hrang heng; damlohna, chawtha tlakchhamna leh enkawldan mumalloh avang tea lo awm thin te hi an ni ber a ni. “Tihdam aiin inven a tha zawk” tih hi natna venkawnga inngahna tur bulber chu a ni. Natna hrang hrang laka inven nan leh enkawl nan damdawi hmanlar thenkhat hriatchian hi thil pawimawh tak a ni, a hmanna tur leh damdawi hman kawnga fimkhurna tur te hriat hi thil pawimawh tak a ni bawk.

### A thil tum

He zirlai zirzawh hunah chuan heng hi ilo ti thei tawh ang:

- Ar natna hrang hrang enkawl leh venna atana damdawi chi hrang hrang an hmanna leh fimkhurna tur te ilo hrethiam tawh ang.

---

## 6.2 EXPERIMENT

---

### 6.2.1 Thubul

Ar ten damlohna an lo neihin, an ngeih ngei tur damdawi, pektur zat diktaka pek hi natna enkawl nan leh a zual zel tur venna atan thil pawimawh tak a ni. Sum leh pai hlohna lo awmthei tur dan nan he damdawi hmanga enkawl thuai hi thil pawimawh tawp a ni. Damdawi siamtu company tam tak te hian damdawi inang an siamchuak nasa hle a. Hemi avang hian damdawi chikhat chu a dang aia tha zawk tak anga sawi a harsa hle a ni. Chutiang thilah chuan arvuhtu chuan veterinary lama mithiam emaw arvuht lama mithiam bikte rawn vat thin tur a ni. Chuvangchuan, poultry farm a hman lar tlangpui damdawi a sawifiahna nen tarlan a ni a, veterinary lama mithiam te rawn hmasa lo chuan a eng damdawi pawh hi hman mai tur a ni lo tih erawh hriat a tha ang.

### 6.2.2 Mamawh

- Ar rual damlohna nei mek.
- Antibiotics, Anti-coccidials, anti-mycoplasma leh anti-stress drugs.

### 6.2.3 A tih dan tur

Ran lianzawk te anglo takin, ar te hi a mal mala enkawl an ni ngai meuh lova. Damdawi leh hrivenna te hi tamtak tan pek an ni thin. Damdawi tamzawk leh hrivenna te hi tui nena pek an ni ber thin. Hrivenna thenkhat hengte erawh hi chu a mal mala pek thin an nih laiin, a mal mala peka harsatna awmthei pumpelth nan sprayer hmanga a phuh a phuh in pek an ni ve bawk thin; LaSota, Infectious bronchitis (IB) leh Infectious Bursal Disease (IBD or Gumboro). Tui hmanga pek thin damdawi te chu zirlai dangah tarlan an ni ang.

Damdawi hman tur thlan dawna hriattur thenkhat te:

- 1) Ar damlo nia hriat (Experiment No 1 en rawh) chu dahhran phawt tur.
- 2) An damlo ani tih hriattheih nana an landan ziah chhuah tur.
- 3) Eng natna nge a ni tih hriatchhuah tum phawta, kan rinhlelh natna a vei ngei nia kan hriat chuan chu natna chu chhinchhiah a, veterinary mithiam emaw poultry specialist te emaw rawn vat tur a ni.
- 4) Veterinary mithiam emaw poultry specialist te puihnain damdawi pek tur thlang rawh. Natna hrik vanga awm anih rinhlelh anih chuan chumi atana damdawi bik (anti-bacterial/anti-fungal/anti-mycoplasma) emaw chawtha tlakchhamna rinhlelh anih chuan vitamin/mineral supplement ang te thlan tur a ni.
- 5) Damdawi hrang hrang (Table 6.1) te hi a zattur diktak leh a hunbi dik takah pek thin tur a ni; damdawi bawm pawnlamah hian a damdawi chawhpawlh, pekzattur, pekhun bituk leh fimkhurna tur te a inziak thin a; damdawi siamtu ten zawmtur an sawi ang te anihna ang taka zawm ngei hi a tha a ni.
- 6) Damdawi hman chungchangah a thave mai anga tia tihchhinna “hit and try” hi inngah nana hman miah loh tur a ni, chhياتna zawk a thlen mai theih bakah ar te chuan an thihphah thei hial zawk a ni.
- 7) Damdawi hlauhawm thei angchi te chu hmun him leh hriatchianna hmunah dahthat thin tur a ni.
- 8) Damdawi vawnthat chungchangah a siamtute duhdan ang zawm ngei tur a ni a, chuti lo chu damdawi te chuan an chakna an hloh then thei thin a ni.

**Table 6.1: Damdawi hmanlar te, an hmanna tur, damdawi chawhpawlh, a pek zattur, leh pekdan tur**

Damdawi chawhpawlh	A hmanna tur	Pek zattur leh pek dan tur
<b>Anti-bacterials (Antibiotics)</b>		
Ampicillin	<i>E.col</i> , Salmonellosis, Staphylococcus infection	12.5 mg/litre of water
Cephalexin Powder 7.5% w/w	Colibacillosis, Chronic Respiratory Disease (CRD), <i>E.Coli</i> , Fowl Cholera, Infectious Coryza, Pullorum Disease	10 mg/kg body weight in water
Chloramphenicol IP 20% w/w	Colibacillosis, CRD, Dermatitis, Fowl Cholera, Pullorum Disease, Salmonellosis	1g in 10 litres of water for 3-5 days
Chlortetracycline	Colibacillosis, Salmonellosis	25g/185 litres of water
Ciprofloxacin Hydrochloride 10% w/w	CRD, Infectious Coryza, Fowl Cholera, Omphalitis, Salmonellosis	1g/litre of water

Enrofloxacin 10% w/w	CRD, Infectious Coryza, Fowl Cholera, Omphalitis, Salmonellosis	2mg/kg body weight
Furazolidone	<i>E.coli</i> , Fowl Typhoid, Pullorum Disease, Salmonellosis	2g/kg feed for 10 days
Neomycin Sulphate	<i>E.coli</i> , CRD, Infectious Coryza, Fowl Cholera, Pullorum Disease, Salmonellosis	1 g in 10 litres of water for 3-5 days
Sulphadiazine and Trimethoprim (5 : 1) w/w	CRD, Infectious Coryza, Fowl Cholera, Omphalitis, Salmonellosis	0.5 to 1 g/litre of water for 3-10 days
<b>Anti-coccidials</b>		
Amprolium soluble powder 20% w/w	Coccidiosis chihrang hrang enkawl leh a venna atan	1g/litre water
Nitrofurazone 25% and Furazolidone 3.6% w/w	Coccidiosis chihrang hrang enkawl leh a venna atan	500 mg/kg feed
Sulphachlorpyrazine sodium	Intestinal leh caecal coccidiosis ven leh enkawl nan	1g/litre of water
<b>Anti-diarrhoeals</b>		
Extract of standardized herbs	Kawthalo leh parasitic infections	2.5 g/kg feed
Polyherbal formulation	Kawthalo leh parasitic infections	1.3 g/kg feed
<b>Anti-mycoplasma drugs</b>		
Tiamulin hydrogen fumarate	Chronic Respiratory Disease (CRD) enkawl leh ven nan	24 mg/kg body weight
Tylosin tartarate	CRD ven leh enkawl nan	176mg/kg body weight
<b>Anti-stress drugs</b>		
Vitamin A, D <sub>3</sub> , E and C	As an anti-stress agent during shifting, handling, debeaking, vaccination etc	3-5 ml/100 birds
All B complex vitamins with Methionine	As an anti-stress agent during shifting, handling, debeaking, vaccination, for prevention of B-complex deficiency	15-20 ml/100 birds
<b>Rulhluthlo</b>		
Albendazole	Roundworms, tapeworms, flukes and other intestinal worms	20-30 ml per 100 birds in water
Mebendazole	Tapeworm	500 mg/kg feed

#### 6.2.4 Hmuh dan

- i) Natna lanchhuah dan leh awmdan hmang tarlang rawh.
- .....

- ii) Damlohna nei nia rinhlelhte an zat chhiar rawh.
- .....

#### 6.2.5 Hmuchhuah

Ar damloh dan atanga alandanin chu ar chuan a vei maitheih natna hming chu ..... a ni thei ang, damdawi a enkawl nana thatur chu .....

### 6.3 FIMKHURNA TUR TE

- Tullovah damdawi pekfo loh tur; vitamin te hi an man a to duh hle a, a tul ngeia a lan loh chuan pek kher a ngailo, tullova sensona mai a ni e.

- A bik takin antibiotics te hi pektur zat bithliah aia pek tam emaw pektlem emaw chuan a hlauhawm thei a, chuvangin tihloh tawp tur a ni.
- Coccidiosis an veilai chuan vitamin B-complex ho hi pek miahloh tur a ni, arthi an punphah theih avangin.
- Ar damlo khunghran te chu damdawi siamtu ten pek zattur an sawi ang thlapa damdawi pek thin tur a ni.
- A theih hram chuan ar damlo enkawltu chu mihran ruattur a ni a, a theihloh anih chuan ar hrisel an buaipui hnuah chauh ar damlo an buaipui tur a ni. Engtikawng mahin a enkawltu chuan ar damlo a buaipui hnu ah ar hrisel tha panggaite a buaipui leh tur a ni lo.
- Enkawltu chuan ama hriselna leh thawmhnaw fai te a ngaipawimawh hle tur a ni.
- Damdawi pek mek leh pek tura chhawpchuah te, uluk taka a hmanna hmun tur ar in emaw pindan emaw nena chhianchhiah thin tur a ni.



ignou  
THE PEOPLE'S  
UNIVERSITY