FIELD TRIALS TO EVALUATE THE EFFICACY OF VIUSID®VET IN VIETNAM

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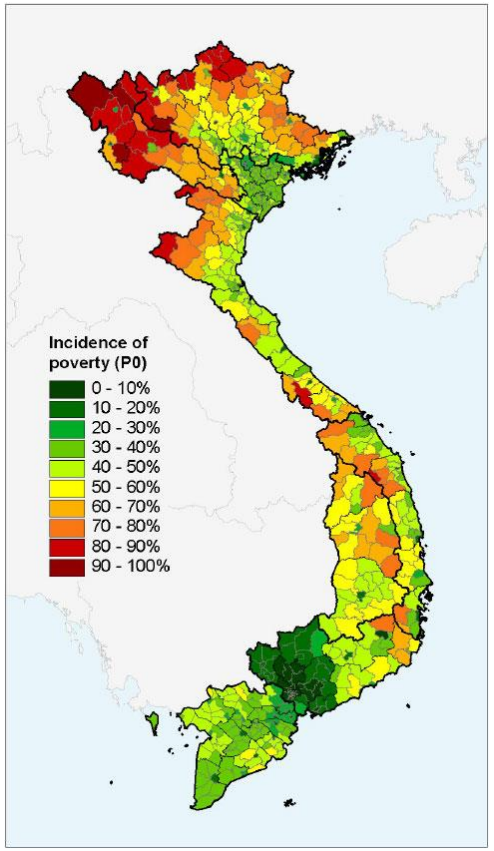
THE EFFICACY OF VIUSID®VET ON SWINE PRODUCTION IN VIETNAM



INTRODUCTION

Viusid is a nutritional preparation, composed of antioxidants, vitamins, trace elements and an active substance from liquorice root extract (glycyrrhizinic acid) with potential antiviral properties. The molecular activation of its active substances stimulates their biological functions (antiviral and antioxidant effect), without modifying their molecular structure, which significantly builds up the organism's defences.

MATERIALS AND METHODS

Trial design: A swine farrowing-finisher farm, named GIA PHAT, with 600 sows that is located at Cu Chi district, Ho Chi Minh city was selected for the Viusid trial.

- Total 58 pregnant sows were randomly divided to be 2 groups (29 for each group) in which they were equal about breed, age, parity and production. One was supplemented with VIUSID as the VIUSID group and one was not as the Control group.

- The length of the test: 90 days for sows (30 days before delivery and 60 days after delivery).
- Sanitary managing: The usual one, contemplates the vaccination and therapeutic program.
- Type of housing: Cool-closed system.
- Temperature: 26-32^{o}C
- Food system: manual
- Drinker type: nipple
- Products: Viusid© Vet Powder
- Application dose: 2 kg VIUSID/ ton of feed
- Time for application: 30 days before delivery (84-day gestation) up to weaning day after delivery (approx. 58 days).

Evaluated parameters

1. Performances

2. Production

Total borne per litter

Rate of mummified/stillborn piglets

Number of piglets born alive per litter

Number of weaners per litter

Average live weight of weaning

Time to re-estrus after weaning

Rate of successful insemination (service)

Rate of mastitis

Rate of metritis

Average live weight of growing (around 20 kg)

FCR at growing (around 20 kg)

Rate of piglets/weaners suffered respiratory disorder

Rate of piglets/weaners suffered diarrhoea

Mortality

3. Antibody titers against PRRS and Classical Swine Fever dieases

4. Economic efficacy

RESULTS

1. Evaluation of performance

Some below pictures showed up the performance of nursery piglets, weaners and growers

VIUSID

Control

One days old piglets

VIUSID

Control

14 days old piglets

VIUSID

Control

20 days old piglets

VIUSID

Control

30 days old pigs after weaning

VIUSID

Control

45 days old pigs after weaning

VIUSID

Control

54 days old pigs after weaning

VIUSID

Control

63 days old pigs after weaning

VIUSID

Control

Moving to grower units

The pig farmers evaluated:

- VIUSID group showed better performance in nursery piglets, weaners and growers
- VIUSID group showed less feather, more shiny and ruddy skin.
- VIUSID group performed more uniformity

RESULTS

2. Production

The results evaluating production parameters were showed in the below table

Parameters	Groups	
	VIUSID	Control
Total borne per litter	12.59 ± 2.64	11.93±2.94
Rate of mummified/ stillborn piglets (%)	9.3	9.0
Ave. number of piglets born alive per litter	11.4 ± 2.84	10.9 ± 2.9
Ave. number of weaners per litter	**10.66 ± 2.76**	**9.69 ± 2.8**
Ave. live weight of a weaner per litter (kg)	7.06 ± 0.67	7.02 ± 0.79
Ave. weaning age (days old)	26.21 ± 2.46	26.59 ± 1.97
Ave. live weight of a grower per litter (kg)	16.0 ± 0.97	15.3 ± 1.63
FCR at growing time	**1.60**	**1.72**
Piglet mortality and culling up to grower (%)	10.29	12.04
Piglet health		
- Diarrhea (%)	1.72	2.01
- Respiratory signs (%)	0	0
- Others (%)	0	0
Sow health		
- Metritis (%)	0	0
- Mastitis (%)	0	0
- Others (%)	0	0
Ave. interval from weaning to mating (days)	6.7	6.7
Rate of mating failure (%)	**0**	**11.1**

Overally, the VIUSID group showed production parameters better than the Control group, especially increased more almost 1 weaner per litter than the Control group and no any failure in mating after weaning.

RESULTS

3. Antibody titers against PRRS and Classical Swine Fever (CSF) diseases

- PRRS: ELISA used the kit “Hercheck* PRRS X3 PRRSV Antibody test kit” of IDEXX

- CSF: NPLA method, CSIRO, Australia

- **Rate of positive antibody against PRRS**

Batch (*)	No of samples	Rate of positive antibody (S/P)	
		VIUSID	Control
1	20	70 %	60 %
2	20	90 %	35 %

(*) Different batches of weaning

Note: PRRS vaccine was applied in piglets at 21 days old and sampling was taken at 50 days old

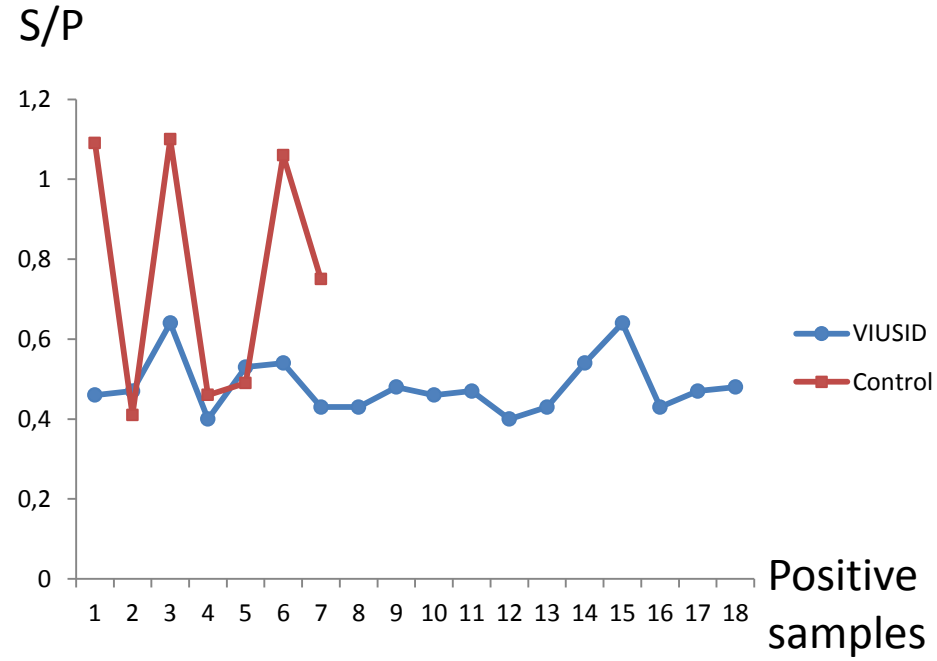
- **Rate of positive antibody against Classical Swine Fever**

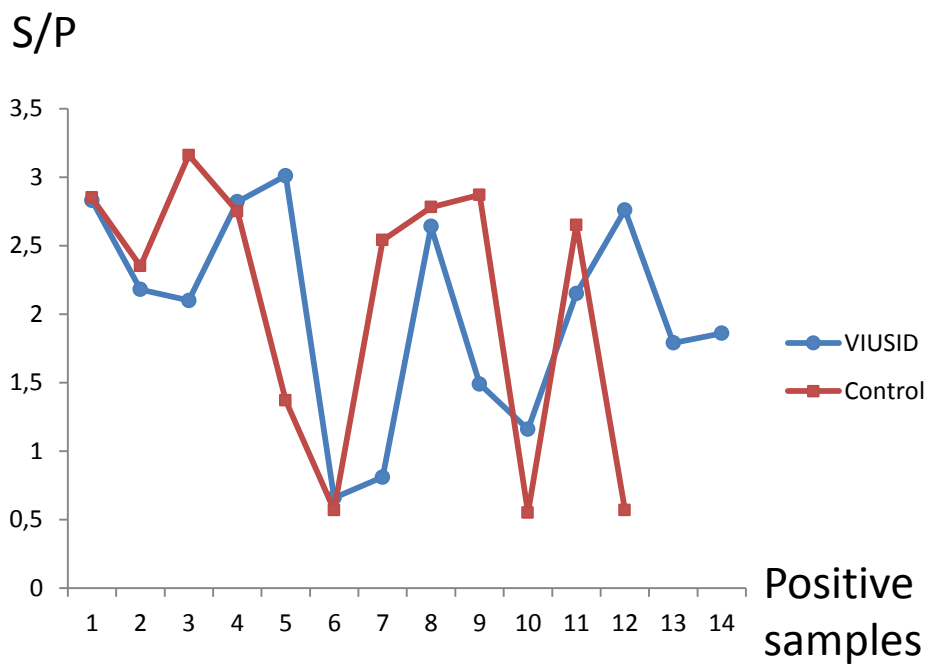
Batch (*)	No of samples	Rate of positive antibody	
		VIUSID	Control
1	20	40 %	5 %
2	20	10 %	10 %

(*) Different batches of weaning

Note: CSF vaccine was applied in piglets at 35 days old and sampling was taken at 50 days old

Overally, the VIUSID group showed rate of positive antibody titers against PRRS and CSF diseases higher than the Control, especially, the variation level of S/P in PRRS ELISA assay.





RESULTS

4. Economic efficacy

Calculation at weaning time

Items	VIUSID	Control
Cost for VIUSID/ sow/ litter (0.5 kg VIUSID/ sow)	20 USD	-
Turnover - Weaners (55.6 USD/weaner)	10.66 x 55.6 = 593 USD	9.69 x 55.6 = 539 USD
Profit	593 – 20 = 573 USD	539 USD
Different profit between 2 groups / sow/ litter	573 – 539 **= 34 USD**	-

Calculation at growing time

Items	VIUSID	Control
Cost for VIUSID/ sow/ litter (0.5 kg VIUSID/ sow)	20 USD	-
Total cost for VIUSID used in 29 litters	20 USD x 29 = 580 USD	
Cost for piglet's feed up to grower		
- Total live weight of growers (kg)	6,496	6,060
- Total feed used (kg)	6,496 x 1.6 = 10,394	6,060 x 1,72 = 10,423
- Cost for feed (0.65 USD/ kg of feed)	10,394 x 0.65 = 6,756 USD	10,423 x 0.65 = 6,775 USD
Turnover		
- Total live weight of growers (kg) (4.4 USD/ kg)	6,496 x 4.4 = 28,582 USD	6,060 x 4.4 = 26,664 USD
Profit	28,582 – (580 + 6,756) = 21,246 USD	26,664 – 6,775 = 19,889 USD
Different profit for whole trial between 2 groups	21,246 – 19,889 **= 1,357 USD**	

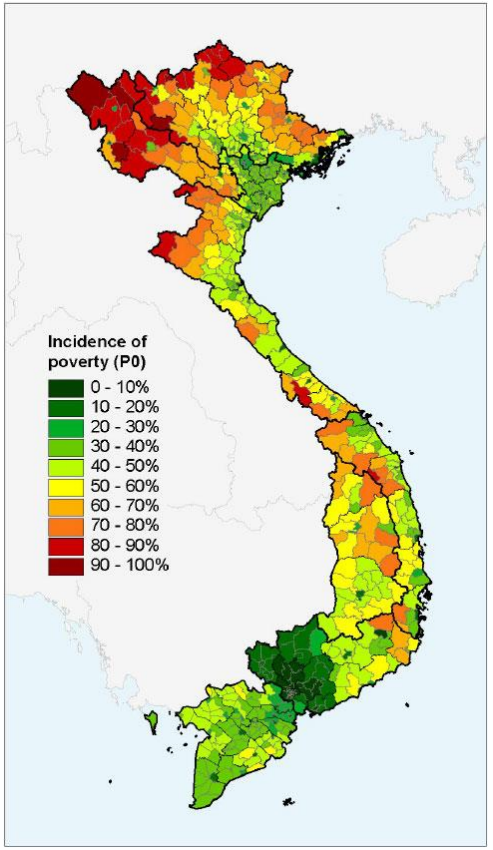
Generally, VIUSID is not only to increasing immune response for piglets, but also to help swine farmer to get more profit (it is not including calculation of costs of mating failure in sows after weaning)

CONCLUSIONS

VIUSID applied for pregnant sows from 84-85 days of gestation to weaning brings back some advantages as following:

- Better production
- Better performance for offspring pigs.
- Increasing immune response after vaccination
- Get more profit after deducting VIUSID’s cost.

THE EFFICACY OF VIUSID®VET ON BROILER PRODUCTION IN VIETNAM



INTRODUCTION

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MATERIALS AND METHODS

Trial design

A broiler chicken farm with 160,000 Tam Hoang-breed chickens that is located at Cu Chi district, Ho Chi Minh city was selected for the Viusid trial.

- A pen of 6,000 chickens was set up and divided to be 3 groups

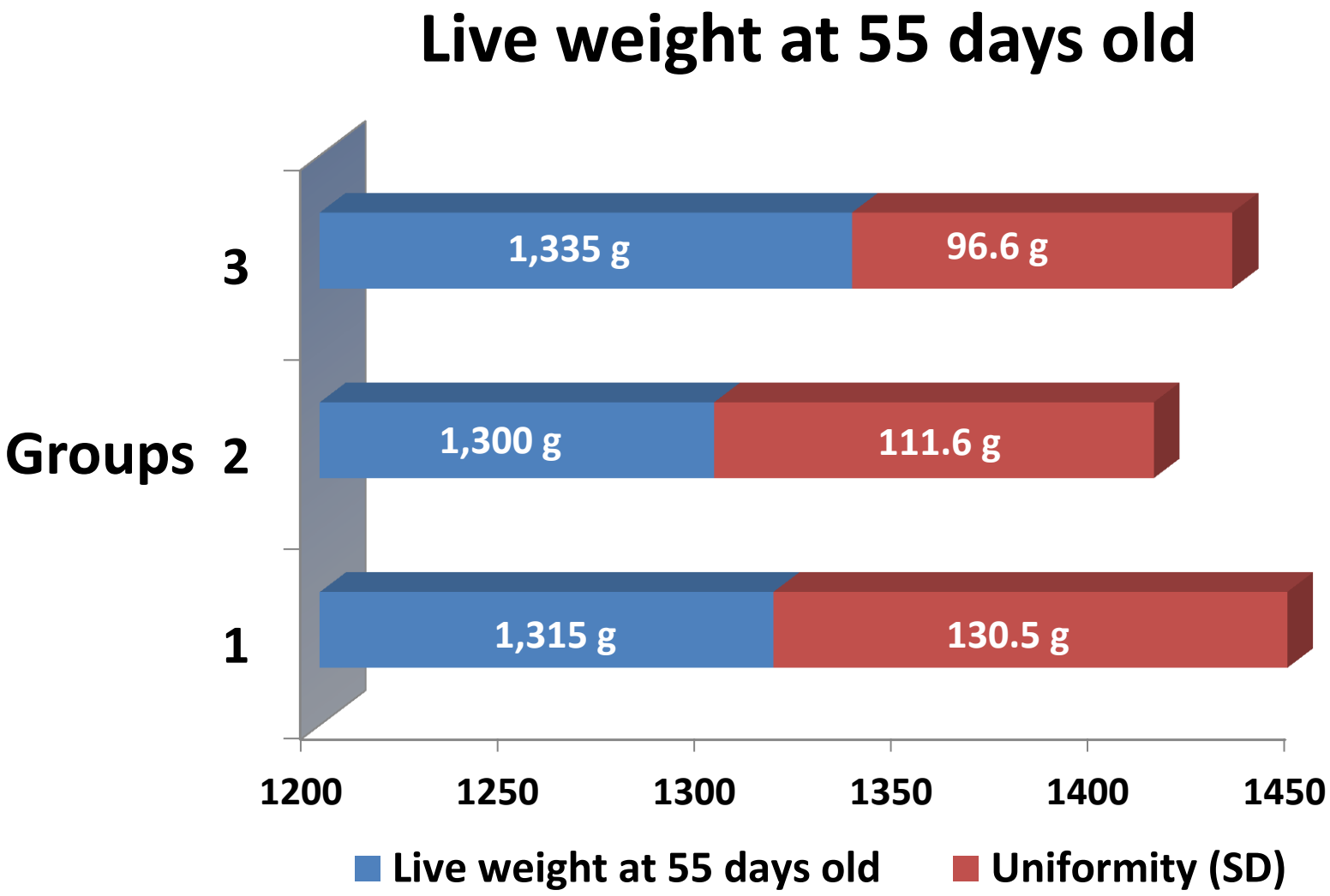
Groups	n	Following routine medication program of the farm (*)	Supplemented VIUSID with dose: 1 ml VIUSID/ 1 L water within first 21 days
1	3,000	Yes	No
2	2,800	Yes	Yes
3 (**)	200	No	Yes

(*) Medication program applying at the farm
1-4 days old: Vitamin C + Antibiotics + Electrolytes + Antigum
5-6 days old: product supported hepatic-renal function
10-11 days old: probiotics
17-18 days old: multivitamin

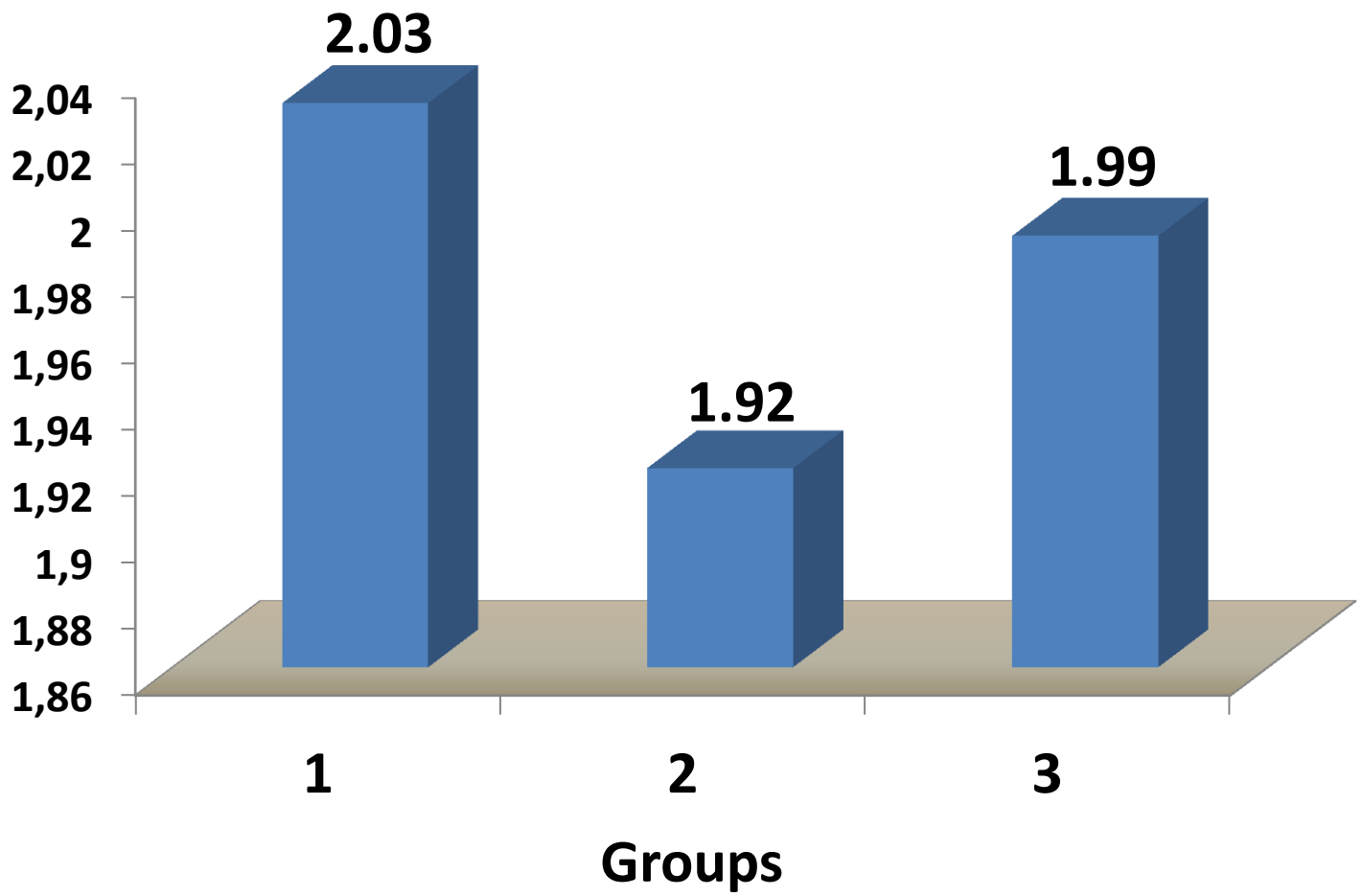
(**) Still followed vaccine program of the farm:
4 days old: ND-IB
15 days old: ND-IB, AI
17 days old: Gumboro

- The length of the test: 60 days (slaughtering)
- Sanitary managing: The usual one, contemplates the vaccination and therapeutic program.
- Type of housing: Cool-closed system.
- Temperature: 26-32^{o}C
- Food system: manual
- Drinker type: nipple
- Products: Viusid© Vet Liquid
- Application dose: 1 L VIUSID/ 1,000 L water.
- Time for application: first 21 days of chicken life

RESULTS


Live weight at 55 days old
Groups
3
2
1
1,335 g
96.6 g
1,300 g
111.6 g
1,315 g
130.5 g
1200
1250
1300
1350
1400
1450
Live weight at 55 days old
Uniformity (SD)

Feed conversion rate (FCR)



Antibody titres against Newcastle disease

At 34 days old

Groups	1/8	1/16	1/32	1/64	1/128	1/256	1/512	MG
1	4	7	3	4	2			**26**
2	4	6	6	2	2			**24.2**
3			3	2	2	1	2	**104**

At 55 days old

Groups	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	MG
1		5	9	6					**17.1**
2	1	2	10	5	2				**19.7**
3			1	5	1	3			**49**

Antibody titres against Avian Influenza (H5)

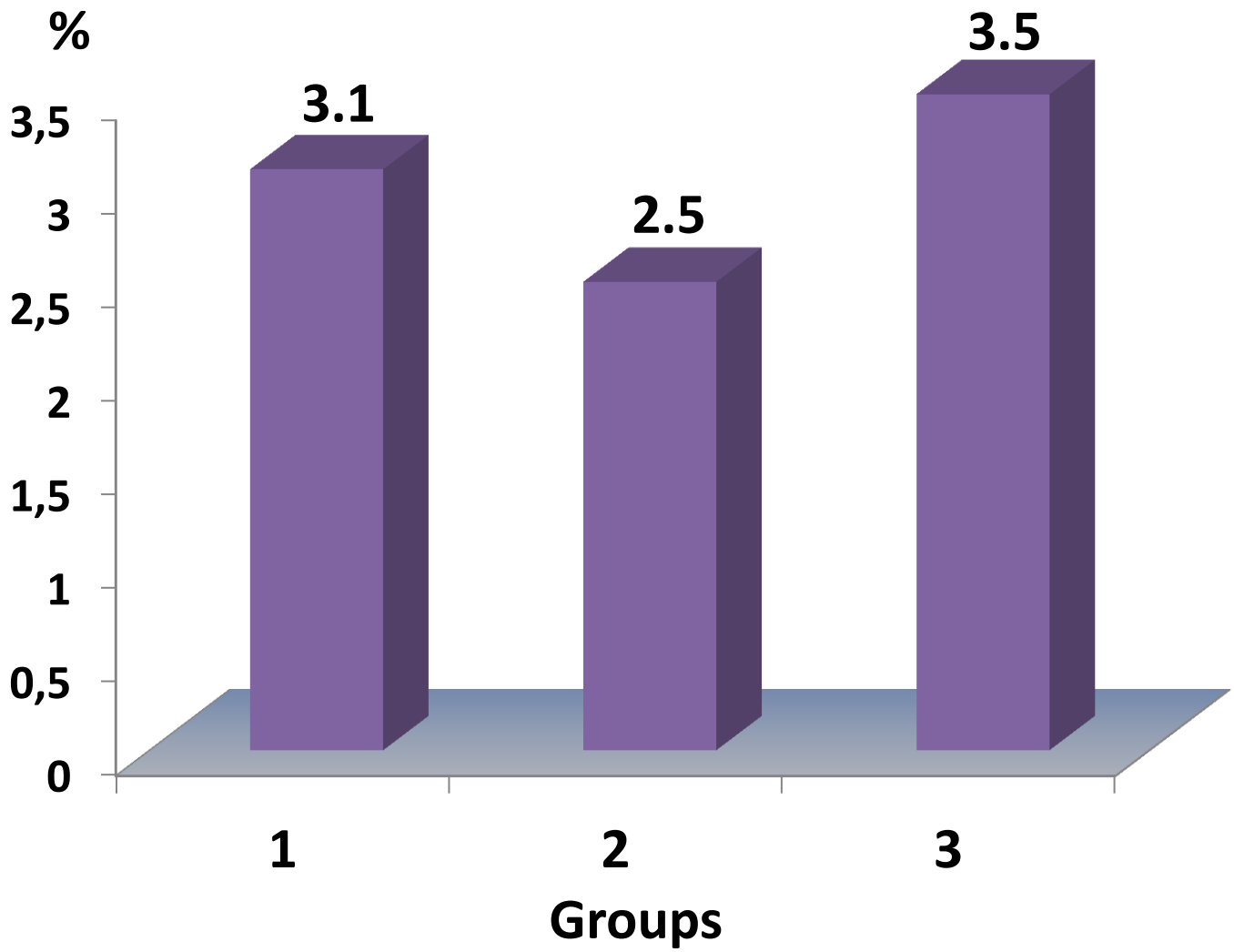
At 34 days old

Groups	1/8	1/16	1/32	1/64	1/128	1/256	1/512	MG
1	2	4	7	7				**32**
2		8	6	5	1			**32**
3			2	4	2	2		**84**

At 55 days old

Groups	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	MG
1		4	6	7	3				**22.6**
2		1	6	4	7	2			**37**
3			1	2	4	3			**60**

Mortality and culling (%)



Items	Groups		
	1	2	3
Cost for 1 day old chick (0.6 USD/ chick)	1,800 USD	1,680 USD	120 USD
Cost for VIUSID	-	154 USD	11 USD
Cost for medication program	112 USD	105 USD	-
Cost for feed (0.6 USD/ kg feed)	4,757 USD	4,088 USD	308 USD
Turnover (2.1 USD/ kg live weight)	8,203 USD	7,453 USD	542 USD
Profit	1,534 USD	1,426 USD	103 USD
Profit/ chicken	**0.51 USD**	**0.51 USD**	**0.52 USD**

CONCLUSIONS

- The VIUSID is effective in improvement of broiler production.

- The VIUSID helps to increase immune response after vaccination of ND and AI.
- The VIUSID brings back profit for farmers.
- If management is improved to reduce mortality and culling, the efficacy of VIUSID will be better.

INTRODUCTION OF ANIMAL HUSBANDRY AND VETERINARY SYSTEM IN VIETNAM

ANIMAL HUSBANDRY

	Year 2014
1. Pigs (1,000 heads)	**26,762**
- Sows	***3,914***
- Slaughtered pigs	***48,931***
2. Poultry (1,000 heads) **- Chickens** **- Ducks** **- Geese**	**324,600** **246,028** **67,918** **10,654**
3. Buffaloes (1,000 heads)	**2,512**
4. Cattle (1,000 heads)	**5,234**
- Meat cattle	**5,007**
- Dairy cattle	**227**

SIZE OF SWINE FARMS

	Total	Size per farm			
		1 – 2 pigs	3 – 5 pigs	6 – 9 pigs	≥ 10 pigs
Farms (1,000)	**4,131**	**2,144**	**1,060**	**367**	**560**

SIZE OF POULTRY FARMS

	Total	Size per farm			
		≤ 20	20 - 49	50 -99	≥ 100
Farms (1,000)	7,864	4,301	2,745	562	255

Chicken production

- 2 kinds of chickens:

  - White feather chicken (55%)

Use for:

* Export (China)
* Fast food (KFC, McDonald)
* Food processing

Price: 1.2-1.5 USD/ kg live weight

- Colourful feather chicken and “Ac” chicken (45%), rearing in indoor or outdoor system.

Use for:

* Daily meal
* Restaurant, party
* Worship anniversary

Price: 2.1-4.2 USD/ kg live weight

Characteristics of husbandry field in Vietnam

- Small scale farms still occupy high percentage (Poultry: 50-60%, swine and cattle: 60-70%).

- Lack of knowledge of modern technology in husbandry.

- Market prices are very fluctuated.

- Often get loss.

- Facing with many serious infectious diseases like: AI, Newcastle, IB, Gumboro, CSF, PRRS, FMD and so on.

- Lack of support from government.

VETERINARY SYSTEM

CỤC THÚ Y VIỆT NAM
DEPARTMENT OF ANIMAL HEALTH

DAH - Functional Divisions:

- Personnel and Administration
- Epidemiology
- Inspection & Quarantine
- Drug & Vaccine Management
- Legislation & Inspection
- Plan (Inter. Cooperation & Science)
- Finance

* Representative of DAH

Regional Animal Health Offices (RAHOs)

- ✯ No. 1 (Ha Noi)
- ✯ No. 2 (Hai Phong)
- ✯ No. 3 (Vinh)
- ✯ No. 4 (Da Nang)
- ✯ No. 5 (Daklak)
- ✯ No. 6 (HCMC)
- ✯ No. 7 (Can Tho)

Professional Centers

- The National Center for Vet. Diagnosis
- The National Center for Vet. Bio-products Inspection 1, 2
- The National Center for Hygiene Inspection 1, 2

►**Regional Sub Departments of Animal Quarantine and Inspection** in Lang Son, Lao Cai and Quang Ninh

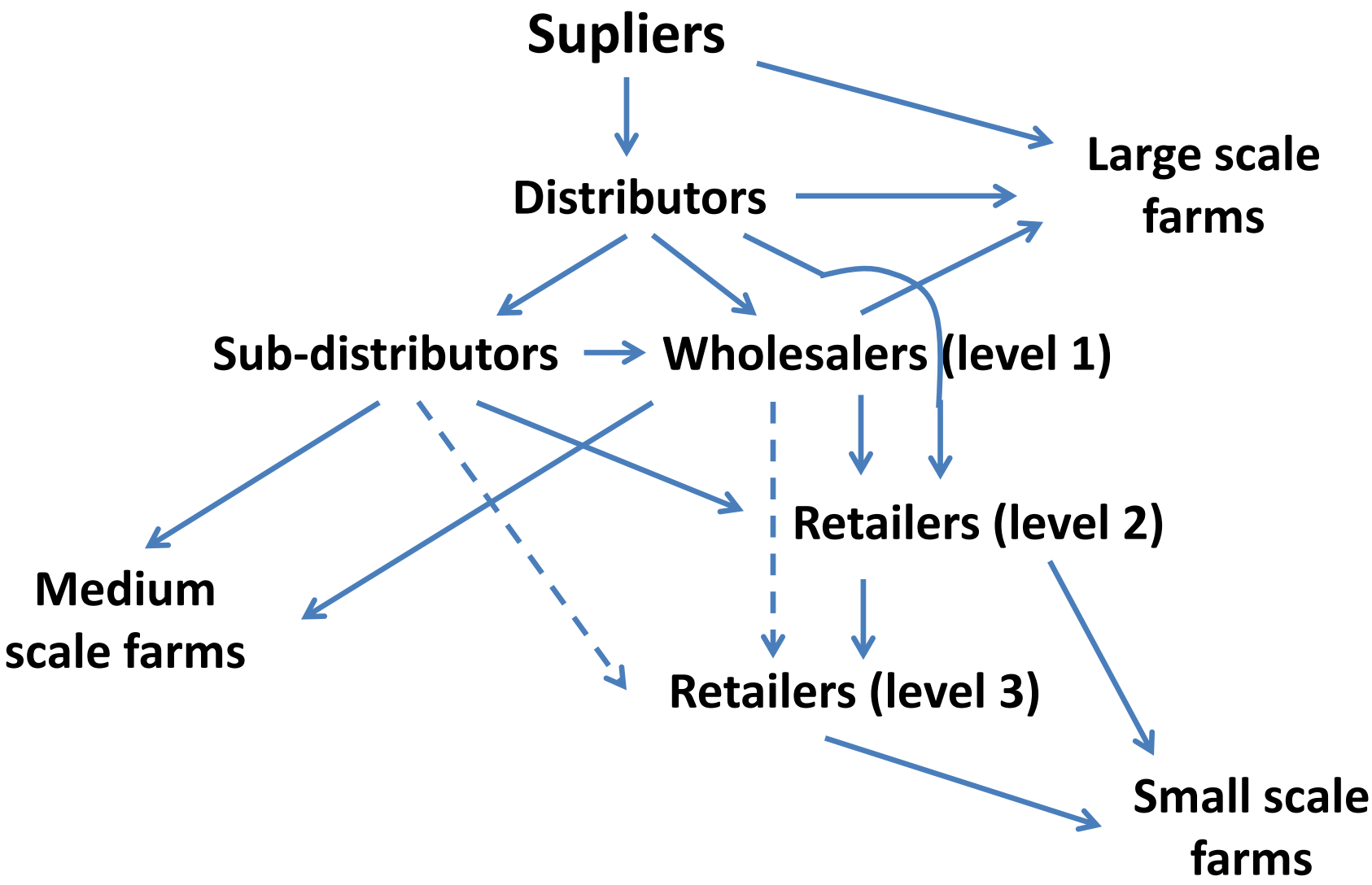
Provincial Sub-Department of Animal Health

District Veterinary Station

Domestic Inspection Station

Commune Veterinary Team

Veterinary medicine business



OUR STRATEGY DEVELOPING VIUSID IN A SUSTAINABLE WAY

Step 1. Introduce and develop business in the small and medium scale farms via sub-distributors, wholesalers and some retailers

→ Done (around 25%), some farmers are using to test and majority are observing and waiting the results (that is Vietnamese culture).

Step 2. Introduce and develop business in the large scale farms

→ Now starting.

Explanation:

If we do another way around → products will sell faster, but:

- The success of VIUSID will come to small and medium farmers very less.

- The system of large scale farms are very good, so the success of VIUSID will not be much different.

- Risky because of market prices are very fluctuated every year.

Furthermore, the status of small scale farms is house by house, farm by farm, so it is easy to occur outbreaks of disease

→They will see obviously the efficacy of VIUSID

Some below evidences showed up the efficacy of VIUSID in field.

CASE REPORTS ON VIUSID APPLICATION IN DIFFERENT AREAS AND KINDS OF CHICKEN

AREAS AND PROVINCES

- Binh Duong, Binh Phuoc provinces
- Long An, Tien Giang provinces
- Ben Tre provinces
- North of Vietnam

Binh Duong, Binh Phuoc provinces

Case No 1

A 2,000 colourful feather broiler chicken farm

+ Use VIUSID from first 21 days.

+ Selling to abatttoir at 3 months old.

→ **The chicken trader didn't want to buy because they professionally estimated chicken weight around 1.3-1.4 kg and they just wanted to buy > 1.5 kg. However, when they weighed the chickens, all of chickens were over 1.6 kg live weight.**

Binh Duong, Binh Phuoc provinces

Case No 2

A 2,000 colourful feather broiler chicken farm

Age of chicken: 3 weeks old

+ Gumboro disease was occurred 3 days with mortality of 10%.

+ Used VIUSID 2 days → stopped mortality.

+ After 3 days of using VIUSID, chickens were completely recovered and eating normally.

Binh Duong, Binh Phuoc provinces

Case No 3

A 10,000 colourful feather broiler chicken farm (rearing outdoor system) contained 3 pens: 3,000; 3,000 and 4,000 pens

+ A 3,000 pen with 10 weeks old was got outbreak of disease 7 days

- Diarrhea with green colour faeces.

- Respiratory signs

- Daily dead 40 – 60 chickens

- Used antibiotics: Doxycycline+Gentamycin, Enrofloxacine+Colistin, and multivitamin + electrolytes → dead more.

+ Laboratory diagnosis by PCR technique (NOVATECH's Lab): positive with Newcastle disease virus and Infectious Bronchitis virus (IBV).

+ Solutions:

- Used VIUSID: 2 ml/ L water

- Vaccinated lived ND vaccine: 2 doses/chicken → after 3 days of application, stopped mortality and recovered after 5 days.

Binh Duong, Binh Phuoc provinces

Case No 4

A 4,000 colourful feather broiler chicken farm (rearing outdoor system): 10 weeks old

+ Chickens were got outbreak of disease 5 days
  - Diarrhea with white-green colour faeces.
  - Light respiratory signs.
  - Daily dead 20 – 30 chickens
  - Used antibiotics → dead more.

+ Sent samples to NOVATECH's Lab for NDV diagnosis by PCR technique: positive

+ Solutions suggested:

- Used VIUSID: 2 ml/ L water

- Vaccinated lived ND vaccine: 2 doses/chicken

→ after 3 days of application, stopped mortality.

Long An, Tien Giang provinces

Case No 5

A 10,000 “Ac” broiler chicken

+ Used VIUSID within first 21 days

+ After 28 days of rearing, the male chickens were sold with their weight reached requirement (Normally they must be reared up to 38 days old).

+ The female chickens were kept to be layers and grown well without sickness.

Long An, Tien Giang provinces

Case No 6

A 3,000 colourful feather broiler chicken farm (rearing outdoor system): 13 weeks old

+ Sold to a chicken trader, but the trader denied to buy about 200 small and bad performance chickens. The farmer intended to supply for python as food.

+ Our retailer suggested him to use VIUSID
+ After used VIUSID one week with normal dose: 1 ml/ L water, all 200 chickens were sold and accepted by chicken trader.

Long An, Tien Giang provinces

Case No 7

Some “Ac” broiler chicken farms were got outbreaks of disease with following signs:

+ Swollen kidney
+ Watery diarrhea
+ High mortality 30 - 50% (sometimes 70%)

+ Used VIUSID with dose: 1 ml/ L water within 5-6 ngày → stopped dead.

+ Mortality within these days just 5 - 10% .

Long An, Tien Giang provinces

Case No 8

Some colourful feather broiler chicken farm (rearing indoor or outdoor system)

+ After vaccinating Ma5-Clone30 vaccine about 3-4 days, chickens showed respiratory signs that farmers called “singing chicken”.

+ Mortality up to 30%.

+ Used VIUSID with dose: 1 ml/ L water, after 3 days → stopped signs and dead.

Ben Tre province

Case No 9

A 5,000 colourful feather broiler chicken farm (rearing outdoor system): 8 weeks old

- Chickens showed respiratory signs that farmers called "singing chicken", when the farmer entered the pen, no any voice appeared.
- Very less mortality, sometimes some chicken dead, but not continuous.
- Used antibiotics 7 days: Spiramycin, Lincomycin+Spectinomycin → not better.
- Used VIUSID with dose: 2 ml/ L water. After 3 days using, the sign was reduced very much.

The North of Vietnam

Case No 10

A 300,000 colourful feather layer chicken farm (rearing indoor system)

+ A pen with 16.000 layers at 25 weeks old

  - Reduced laying rate of 20%.

  - Daily dead 5 – 8 layers.

+ Laboratory diagnosis at the National Center of Veterinary Diagnosis: positive with NDV and IBV (by ELISA).

→ Used VIUSID with dose: 2 ml/ L water. After using 3 days, no death was observed

Some pictures of big workshops

Binh Phuoc province


catalysis
Sản phẩm nhập khẩu từ TÂY BAN NHA
VIUSID Vet
CÔNG DỤNG:
- Kháng virus qua cơ chế bám dính tế bào.
- Tăng cường đáp ứng miễn dịch.
- Chống oxy hóa.
- Thúc đẩy mạnh mẽ trao đổi chất và hấp thu.
- Ngăn ngừa sự thiếu máu.
- Hỗ trợ phục hồi chức năng của gan, giải độc gan.
LIỀU DÙNG:
- Dung dịch: 1 lít/ 1.000 lít nước uống. Trong quy trình phòng bệnh trên gà sử dụng liên tục trong 21 ngày đầu.
- Bột: 2kg/ 1.000kg thức ăn. Bổ sung liên tục trong thức ăn cho heo nái từ lúc mang thai 85 ngày đến cai sữa.
Nhập khẩu và phân phối độc quyền:
CÔNG TY CP NOVATECH
andrés pintaluba, s.a.
Sản phẩm nhập khẩu từ TÂY BAN NHA
CẶP ĐÔI HOÀN HẢO
APSA AMINOVIT
APSA VIGORPOL
Nhập khẩu và phân phối độc quyền:
CÔNG TY CP NOVATECH


NOVATECH
CHUYÊN KINH DOANH
Phòng xét nghiệm
công nghệ cao
APSA AMINOVIT
VIUSID Vet.
NOVATECH
SẢN PHẨM SẢN XUẤT
Kháng sinh hàm lượng cao
Dinh dưỡng:
- Vitamin, điện giải
- Giải độc gan, thận
- Men tiêu hoá
- Premix chuyên dùng cho gia súc
- Premix chuyên dùng cho gia cầm
* Dung dịch tiêm
* Dung dịch uống
* Thuốc sát trùng


VHUSID Vet
EDDY
Panasonic


Panasonic
TH-32A402V
LED TV
LED
NARROW BEZEL
TIVI LED PANASONIC 32 INCH
A402
32
USB
HDMI

Tien Giang province


catalysis
VIUSID Vet
APSA AMINOVIT


catalysis
Sản phẩm nhập khẩu từ TÂY BAN NHA
VIUSID Vet
CÔNG DỤNG:
- Kháng virus qua cơ chế bám dính tế bào.
- Tăng cường đáp ứng miễn dịch.
- Chống oxy hóa.
- Thúc đẩy mạnh mẽ trao đổi chất và hấp thu.
- Ngăn ngừa sự thiếu máu.
DÙNG:
1 lít/ 1.000 lít nước uống. Trong quy


NOVATECH
SẢN PHẨM SẢN XUẤT

Ben Tre province


andrés pintaluba, s.a.
NOVATECH
DOXICHEM
catalysis
NOVATECH


VIUSID
catalysis
VIUSID Vet
APSA AMINOVIT


catalysis
Cty CATALYSIS (Tây Ban Nha)
- Người: dinh dưỡng bổ sung và mỹ phẩm
- Thú y, thủy sản, nông nghiệp : chỉ 1 dòng sản phẩm VIUSID
- Sản phẩm có mặt ở 144/200 quốc gia trên thế giới


active

Long An province


NOVATECH
POLISTAR
155.000
99.000


VỚI ĐẢNG.
ĐẢNG CẦN PHẢI CÓ
KẾ HOẠCH THẬT TỐT
ĐỂ PHÁT TRIỂN KINH
TẾ VÀ VĂN HÓA , NHẰM
KHÔNG NGỪNG NÂNG
CAO ĐỜI SỐNG CỦA
HỌP MẶT KỶ NIỆM
catalysis
Sản phẩm nhập khẩu từ TÂY BAN NHA
VIUSID Vet
CÔNG DỤNG:
- Kháng virus qua cơ chế bám dính tế bào.
- Tăng cường đáp ứng miễn dịch.
- Chống oxy hóa.
- Thúc đẩy mạnh mẽ trao đổi chất và hấp thu.
- Ngăn ngừa sự thiếu máu.
- Hỗ trợ phục hồi chức năng của gan, giải độc gan.
LIỀU DÙNG:
- Dung dịch: 1 lít/ 1.000 lít nước uống. Trong quy trình phòng bệnh trên gà sử dụng liên tục trong 21 ngày đầu.
- Bột: 2kg/ 1.000kg thức ăn. Bổ sung liên tục trong thức ăn cho heo nái từ lúc mang thai 85 ngày đến cai sữa.
Nhập khẩu và phân phối độc quyền:
CÔNG TY CP NOVATECH
andrés pintaluba, s.a.
Sản phẩm nhập khẩu từ TÂY BAN NHA
CẶP ĐÔI HOÀN HẢO
APSA AMINOVIT
KÍCH THÍCH TĂNG TRƯỞNG, TĂNG SỨC ĐỀ KHÁNG, TĂNG TỶ LỆ ĐẺ TRỨNG VÀ TỶ LỆ ẤP NỞ, NÂNG CAO CHẤT LƯỢNG QUẢY THỊT
LIỀU DÙNG:
- Liều dùng chung cho gia súc, gia cầm: 1ml/ 4 lít nước uống.
- Trường hợp vật nuôi bị thiếu vitamin nặng hoặc khi dịch bệnh: 1ml/ 1 - 2 lít nước uống.
* Liệu trình sử dụng: 5- 7 ngày.
APSA VIGORPOL
NGĂN NGỪA STRESS, TĂNG CƯỜNG CHỨC NĂNG GAN THẬN, TĂNG KHẢ NĂNG HẤP THU VÀ CHUYỂN HÓA THỨC ĂN, GIẢM TỶ LỆ CHẾT
LIỀU DÙNG:
Liều dùng chung cho gia súc, gia cầm: 1ml/1 lít nước uống.
Liệu trình sử dụng: 3 - 5 ngày
Nhập khẩu và phân phối độc quyền:
CÔNG TY CP NOVATECH
NOVATECH
Network of Veterinary & Aquaculture
CHUYÊN KINH DOANH
CÁC LOẠI THUỐC THÚ Y VÀ THỦY SẢN
NỘI - NGOẠI NHẬP CAO CẤP
Phòng xét nghiệm
công nghệ cao
CÔNG TY CP NOVATECH
NOVATECH
Network of Veterinary & Aquaculture
SẢN PHẨM SẢN XUẤT
* Kháng sinh hàm lượng cao
* Dinh dưỡng:
- Vitamin, điện giải
- Giải độc gan, thận
- Men tiêu hóa
- Premix chuyên dùng cho gia súc
- Premix chuyên dùng cho gia cầm
* Dung dịch tiêm
* Dung dịch uống
* Thuốc sát trùng


ĐẢNG CỘNG SẢN VIỆT NAM QUANG VINH MUÔN
"TỪ NGÀY CÓ ĐẢNG, NHÂN DÂN TA LUÔN LUÔN ĐI THEO ĐẢNG, TRUNG THÀNH VỚI ĐẢNG.
ĐẢNG CẦN PHẢI CÓ KẾ HOẠCH SẮT TỐT ĐỂ PHÁT TRIỂN KINH TẾ VÀ VĂN HÓA, NHẰM KHÔNG NGỪNG NÂNG CAO ĐỜI SỐNG CỦA NHÂN DÂN ..."
TRÍCH DI CHÚC HỒ CHỦ TỊCH
NOVATECH
CÔNG TY CỔ PHẦN NOVATECH
HỌP MẶT KỶ NIỆM
VHUSID Vet
APSA AMINOVIT

And some other small workshops directed to a group of farmers (no pictures) ☺.

We are planning to organize some other big workshops within this month and June in some different provinces. It is also a summer vacation for me from my university.

REQUESTING FOR YOUR SUPPORT

After many places and farms will be known VIUSID product and its efficacy, we would like to organize 2 big workshop events:

1. HO CHI Minh city
2. HA NOI capital

Participates: large-scale farmers/husbandry companies, provincial wholesalers, and some potential retailers (level 2), and of course some retailers selling VIUSID

Expected period of time: the end of July

Your time: almost one week

THANK YOU VERY MUCH FOR YOUR READING THE REPORT