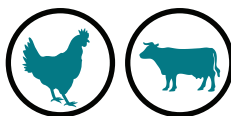


QUIMITOX[®]

OPTIMAL COST EFFICACY
MYCOTOXINS BINDER



FORMULA DEVELOPMENT

Exhaustive study
of diverse raw materials
from different reliable
suppliers.

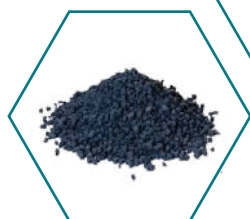
Contaminant free:
formula in compliance with
the limits of heavy metals,
dioxins and PCBs.

+25

INGREDIENTS
EVALUATED



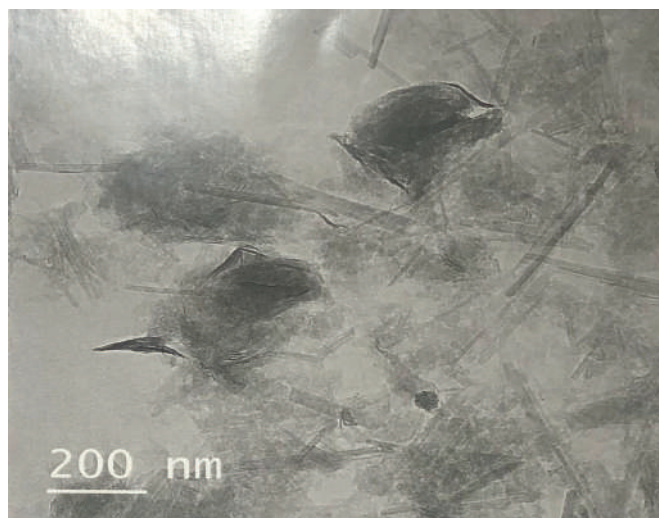
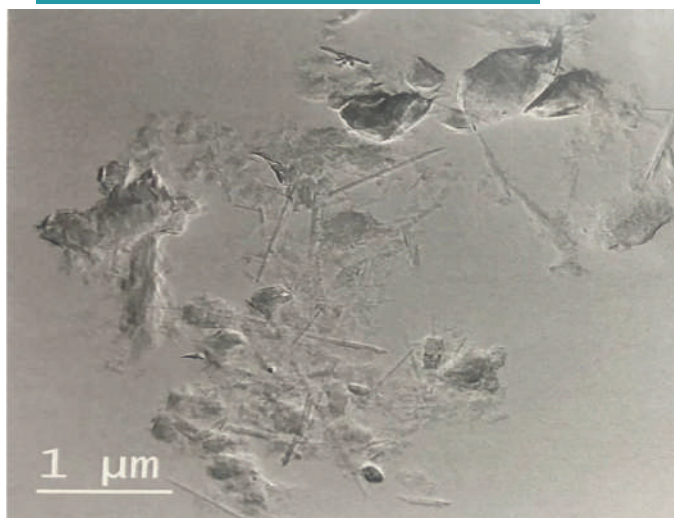
SELECTION
CRITERIA



Adsorbent ingredients
selected in compliance with
EFSA requirements.

Selective adsorption:
effective against
mycotoxins but without
effect on nutrients.

Microscopic image of montmorillonite



Modified to boost mycotoxins
mitigation

Platelet crystalline particles of high
porosity and surface area

Sodium-calcium composition: enhanced
swelling capacity and binding affinity

Optimal cation exchange capacity:
effective against mycotoxins without
interfering with diet nutrients

COMPOSITION

Each KG contains:

Bentonite..... 600 gm

Sepiolitic clay.....298 gm



ADSORPTION






DOSE

Poultry: Mix from 0.5 to 3 kg per ton
of complete feed.

Ruminants: from 10 to 40 grams per
head per day.

Biõnte
ANIMAL NUTRITION
SPAIN

www.bionte.com
bionte@bionte.com
Reus (SPAIN)   

Exclusive Distributor:



FARTAL
PHARMACEUTICALS

Empowering Veterinary Drug Innovation
Karachi - Pakistan

EFFECTIVE, SELECTIVE AND FAST-ACTING EFFICACY

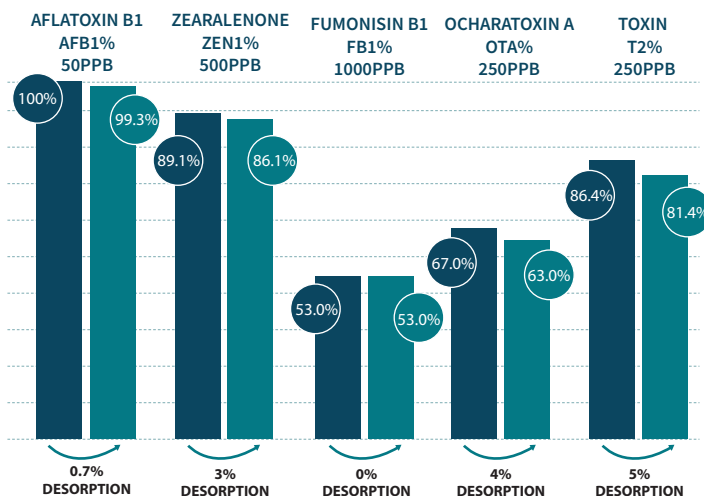
Test CONDITIONS

37 C 0.3% 1h

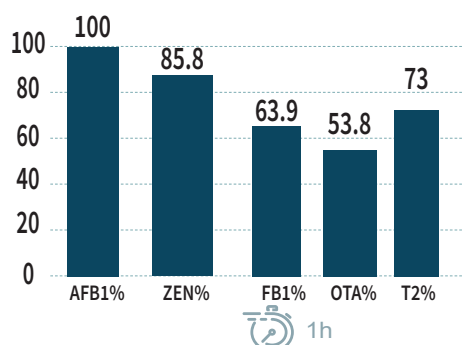
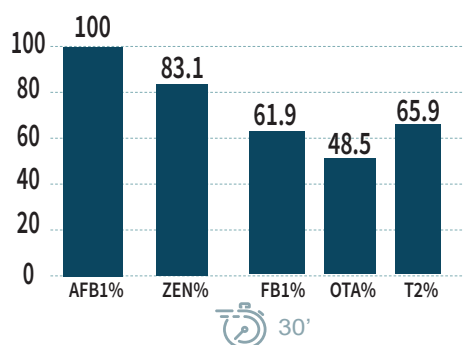
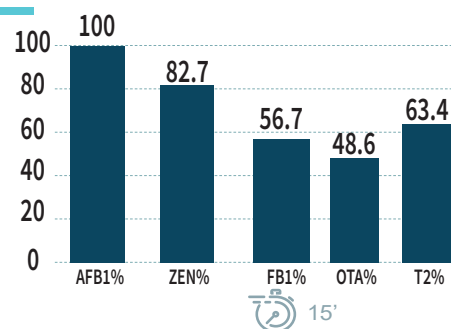
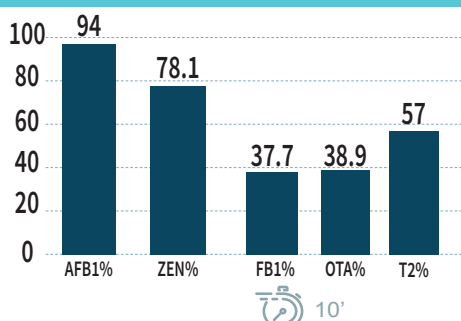
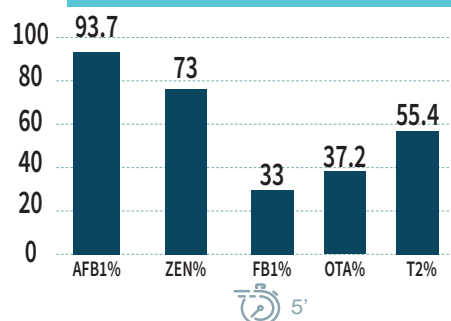
pH3

pH6

UNIVERSITY OF MISSOURI
VERIFIED RESULTS



FAST-ACTING TESTS: STABLE & EFFECTIVE



ZEN %
500 PPB

FB1 %
1000 PPB

OTA %
250 PPB

T2 %
250 PPB

AFB1 %
50 PPB

pH6

SELECTIVE: DOES NOT ADSORB ESSENTIAL NUTRIENTS

0.1%

VITAMIN B3

0.0%

VITAMIN B6

0.0%

METHIONINE

0.9%

LYSINE

1.8%

THREONINE

Biōnte
ANIMAL NUTRITION
SPAIN

www.bionte.com
bionte@bionte.com
Reus (SPAIN)

Exclusive Distributor:

FARTAL
PHARMACEUTICALS
Empowering Veterinary Drug Innovation
Karachi - Pakistan

KimchiStoc[®]-L

Natural Antiviral & Antibacterial

Vaccination Failures occurs due to¹

- Can't develop adequate antibody titre levels
- Maternal antibodies resist to vaccination
- Stress
- Storage Condition & transportation
- Improper administration
- Improper distribution of vaccines

1- Veterinary Medicine-Large Animal Clinical Sciences Department, UF/IFAS Extension (February 1994)



Reasons Why an Alternative is Needed



Antibiotic tolerance has been increased



Antibiotic residue problem in egg and meat



Consumer's strong needs for food safety



Increasing demand for antibiotic alternatives

What is KimchiStoc?

KimchiStoc contains fermented metabolites originated from Korean Kimchi which has strong anti-bacterial and antiviral activities. KimchiStoc is a powerful antibiotic alternative and a natural product that has synergistic effect with antibiotics against bacterial & viral disease.

Why KimchiStoc?

- Powerful Antibacterial & Antiviral agent
- Immune Stimulator
- No Toxicity, No Residue
- Productivity Accelerator
- Synergetic effect with antibiotics
- Decreasing mortality & Preventing disease
- High Stability to heat(100°C for 24h) & pH(3-5)

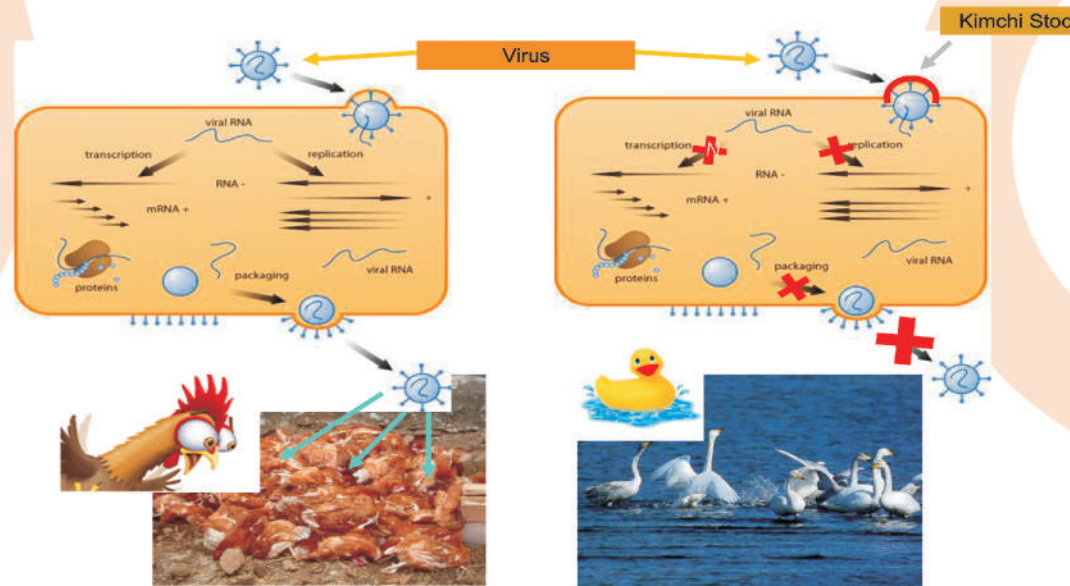
KimchiStoc[®]-L

Natural Antiviral & Antibacterial



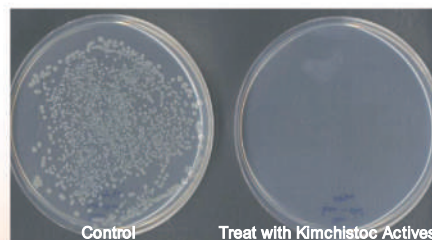
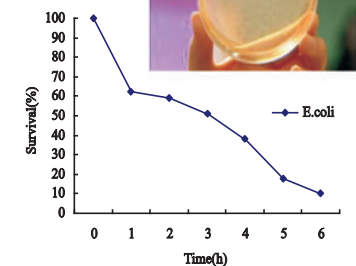
Theoretical mode of Action Mechanism for Anti-Viral activity

Competing HN-surface vs Glycoprotein fraction of KimchiStoc

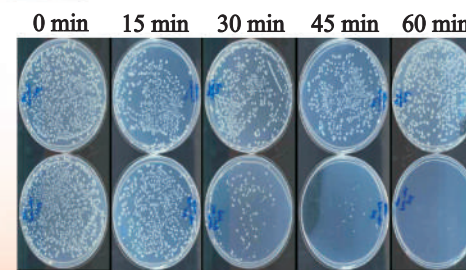
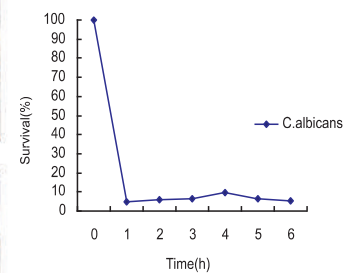


Antibacterial effects against variety of microbes (Screening Test)

KimchiStoc
vs
E-coli



Shigella
+
MRS
Shigella
+
Culture
supermatant



KimchiStoc vs Shigella

KimchiStoc[®]-L

Natural Antiviral & Antibacterial



Clinical Trial for Poultry

Study to Broiler productivity

Effect of KimchiStoc on Broiler productivity

Group	Control	KimchiStoc 0.1%
No. of start	32,000birds	38,000birds
No. of harvest	29,900birds	37,300birds
No. of dead	2,100birds	700birds
Viability	93.4%	98.2%
Final weight(Sum)	46,010kg	58,340kg
Final weight(Avg)	1,539g	1,564g
Sum of feed consumed	74,540kg	90,390kg
Avg. feed consumed	2,493g	2,423g
Harvest day	32 days old	32 days old
FCR	1.62	1.55
PI index(1)	277	310

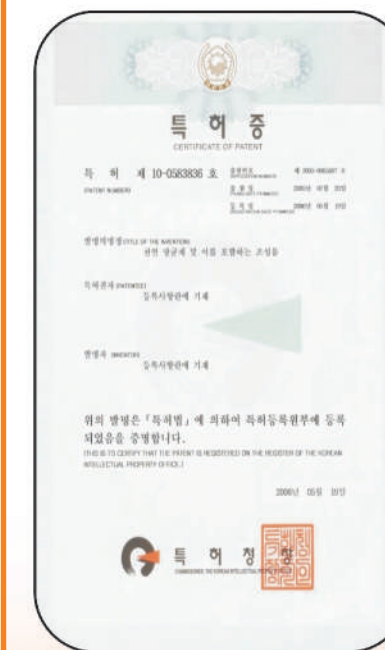
- During the test periods all the birds were under normal farm management condition with same environments and feeding system with water intake ad libitum

- Regular medicate antibiotic at 3-5, 10-11, 21-22 days old

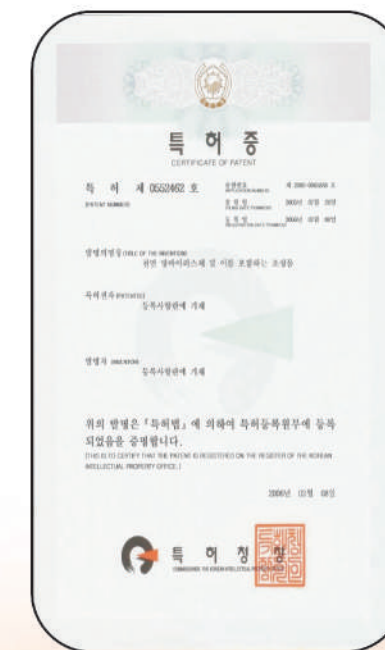
CONCLUSION

1. Mortality of treated group is 4.72% lower than control group (6.56% vs 1.84%)
2. Both average of final weight are similar (1.54kg vs 1.56kg)
- 3 FCR of treated group is 4.3% Lower than control group
4. PI index of treated group improved 11.9% than control group

Certificate for Antiviral & Antibacterial



Korean Patent for Anti-viral & Anti-bacterial efficacy



ChinaPatent for Anti-viral efficacy

Arsilvon Super

1 Liter/5 Liter

For the relief of upper & lower respiratory tract

Composition:

Each 1 ml contain:
Bromhexine HCL.....20 mg
Eucalyptus Oil.....10mg
Citrus Oil.....10mg
Thymol.....10mg
Camphor.....10mg

Bromhexine Stimulates the villi responsible for clearing the respiratory system of mucous, bacteria and dust

Eucalyptus soothes inflammation and eases mucus. Eucalyptus oil has analgesic, anti-bacterial and anti-pyretic properties. It boosts immune system.

Bromhexine

Citrus

Thymol

Eucalyptus

Camphor



Combats fatigue due to stress. Is reputed to strengthen the immune system. Citrus oil has anti-infection, astringent, anti-septic and anti-fungal properties.

Thymol strengthens the nerves and fortifies the lungs and helps with colds, coughs, asthma, laryngitis, sinusitis, whooping cough, sore throats and tonsillitis.

Camphor oil reduces inflammation and has positive effects in colds and flu, infectious diseases, bronchitis and coughs.

Properties

- It enhances immunity of respiratory system.
- It supports body's natural mechanism for clearing mucus from respiratory tract.
- It is effective in heat stress conditions, dusty environment and presence of harmful gases.
- It helps in breathing and oxygen intake.
- It is safe when used in combination with antimicrobial.

Indications

- Presence of eucalyptus oil, citrus oil, thymol and camphor provides distinctive effect in alleviation of viral diseases such as new castle disease, avian influenza, infectious bronchitis, mycoplasmosis, infectious coryza and laryngotracheitis,
- In overcoming post vaccination reactions due to IB or ND vaccinations.
- In sneezing & choking
- When mucus membrane dry out and there is difficulty in breathing
- As ancillary therapy in management of bronchopneumonia
- In treatment of amniotic fluid aspiration in new born calves.
- In improving appetite in case of poultry sickness.

Dosage and Administration

Through Drinking water:

Poultry: 0.5ml per 4 lit of drinking water
Cattle, Sheep & Goat: 1ml per 40kg Body Weight
Horses: 0.5ml to 1.25 ml per 100 kg of body weight

Through Spray Method:

500ml in 20 liters of water

Specific Administration

For the period of 4-5 days after 2 days of ND vaccination
For the period of 3-5 days in out breaks of difficult breathing.
For growth promotion in 4th & 5th week.
To prevent choking in respiratory tract due to building of sticky mucous.
Spray method is effective in heat stress and vaccination reactions.
Spray method is also effective when other medications are going through drinking water

Precuations

Store below 30°C and protect from light
Keep out of reach of children
Use under veterinarian instructions

جانوروں میں استعمال کے لئے

For Veterinary use only

خصوصیات:

- آرسلوان سپر نظام تنفس کی قوت مدافعت میں اضافہ کرتا ہے اور اسے برقرار رکھتا ہے۔
- سانس کی بیماریوں میں باغی موادی کی موجودگی سانس لینے میں دشواری کا سبب بنتی ہے۔ آرسلوان سپر نظام تنفس کے قدرتی نظام کو قوت دیتا ہے اور باغی مواد کو پتلا کر کے باہر نکالتا ہے۔
- گرمی کی شدت، گرد آلود ماحول اور مضر کیسوں کی موجودگی میں آرسلوان سپر انتہائی مفید ہے۔
- آرسلوان سپر سانس لینے میں آسانی پیدا کرتا ہے مزید برآں آکسیجن کی زیادہ مقدار جذب ہوتی ہے جو پیداواری صلاحیت میں اضافہ کا سبب ہے۔
- آرسلوان سپر اینٹی بائیوٹک ادویات کے ساتھ استعمال میں انتہائی مفید ہے۔
- آرسلوان سپر میں پکچس، سٹرس، تھائیول اور کیمر آئلز کی موجودگی نظام تنفس کی بیماریوں مثلاً این ڈی، ایوین انفلوینزا، انفلشس برڈ نکائش، کورائزہ، برکٹوفونیا، مایکوپلازما ذمہ دار آئی آر ڈی، لیرنچوٹریکائش کے تدارک کے لئے انتہائی موثر ہے۔
- آئی بی، این ڈی اور دوسری ویکسیجنز کے بعد ازری ایکشن اور وباؤ کے خلاف انتہائی موثر ہے اور اس کا استعمال ویکسیجنز کی افادیت میں اضافہ کرتا ہے۔
- بیماری کی صورت میں خوراک کی طلب برقرار رکھتا ہے۔

طریقہ استعمال

پولٹری: 0.5 لیٹر آرسلوان سپر 4 لیٹر پینے کے پانی میں۔

بھینس / گائے، بھینز، بکری:

1 لیٹر آرسلوان سپر برعاطی 40 کلوگرام جسمانی وزن۔

گھوڑا: 0.5 لیٹر سے 1.25 لیٹر برعاطی 100 کلوگرام جسمانی وزن۔

اسپرے کا طریقہ: 500 لیٹر آرسلوان سپر 20 لیٹر پانی میں۔

Eases the difficult breathing



Clears the obstruction of air way passages

Arsilvon Super

Sole Distributors:

FARTAL PHARMACEUTICALS
Empowering Veterinary Drug Innovation
Karachi, Pakistan

For enquiries and comments: info@fartal.com



Manufactured by:
The Arab Company for Manufacturing Veterinary
& Agricultural Products Ltd.
PO. Box (56) Al-Hassan Industrial Estate (21467)
Ramtha Jordan

PROPERTIES OF BIÖNTE® QUIMITOX® LIVÖX®



Improves the Intestinal barrier



Promotes the gastrointestinal function



Boosts the Immune system



Powerful antioxidant activity



Detoxifies and protects the liver



Enhances the productive parameters



Ameliorates meat and egg Quality

BIÖNTE® QUIMITOX® LIVÖX® IN VITRO STUDIES

FRAP IN VITRO ANTIOXIDANT ACTIVITY OF NATURAL EXTRACTS

TEST CONDITIONS



30'



100 mg



λ 593 nm



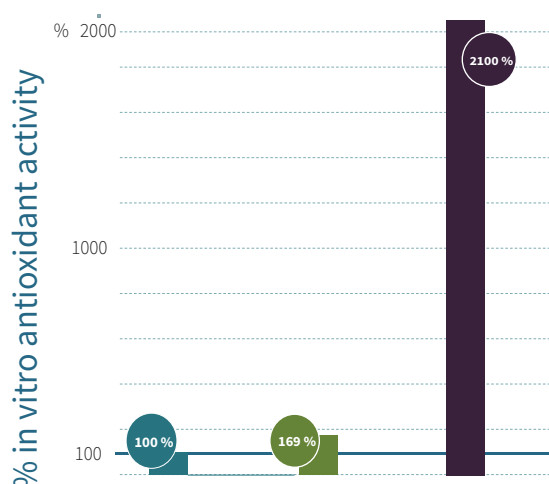
BHT



Olive extract



Grape extract



Assay performed following Trujillo Hernandez (2019) Ferric Reducing Antioxidant Power (FRAP) Assay methodology.

Grape and olive extract showed an incredible powerful antioxidant potential

pH MODIFICATION CAPACITY

TEST CONDITIONS



30'



0,5 ml/L
1,0 ml/L
2,0 ml/L



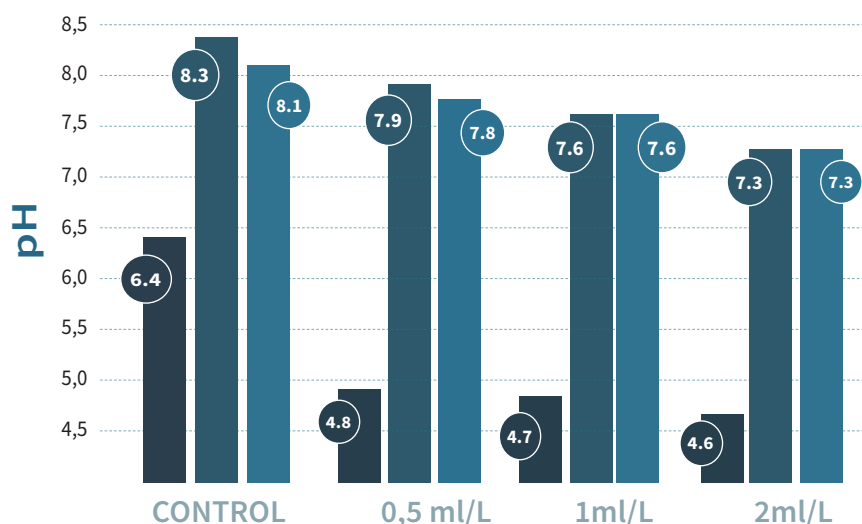
Deionized water



200 ppm CaCO₃



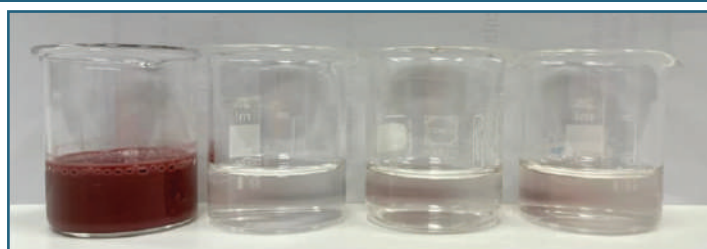
500 ppm CaCO₃



Known hardness water prepared by AOAC methodology (2019)

The product demonstrated the ability to lower the pH of drinking water even in high hardness conditions

PRODUCT SOLUBILITY



QUIMITOX
LIVOX

0.5 ml/L
in water

1ml/L
in water

2ml/L
in water

The product is completely soluble in a dose range application

Biönte
ANIMAL NUTRITION
SPAIN

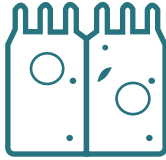
www.bionte.com
bionte@bionte.com
Reus (SPAIN)

Exclusive Distributor:

FARTAL
PHARMACEUTICALS
Empowering Veterinary Drug Innovation
Karachi - Pakistan

QUIMITOX® LIVOX®

MITIGATING THE COLLATERAL
EFFECTS OF MYCOTOXINS



INTESTINAL INTEGRITY
SUPPORT



OXIDATIVE STRESS
ALLEVIATION



LIVER
DETOXIFICATION

COMPOSITION

Sorbitol.....	14 %
Magnesium Sulfate.....	1.0 %
Potassium Sorbate..... (as sorbic acid)	1.5 %
Citric Acid.....	1.0 %
Flavouring Compounds	
Mixture.....	4.0 %

Which are the target animals?
High performance animals



How to use
BIÖNTE® QUIMITOX® LIVOX®?

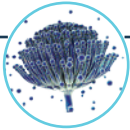
Liquid product added to
drinking water:

Poultry: use at a rate of 1mL/2L
1mL/1L
Livestock: use at a rate of 30-
50 ml per day for 3-5 days.



In which situations is
BIÖNTE® QUIMITOX® LIVOX®
recommended being used?

- Mycotoxins
 - Stressful Conditions
- Nutritional stress, environmental
stress, heat stress, management
stress



What is the main objective?

Mitigate mycotoxins and
other toxins effect to
promote animal health and
performance parameters



BIÖNTE® QUIMITOX® LIVOX®
contains powerful phytogetic extracts

Mediterranean Sea
medicinal specie

Acts as antioxidant and
antimicrobial

High Content of polyphenols

Helps to reduce the effects of
stress

GRAPE EXTRACT
(skin and seed)
Vitis Vinifera

OLIVE EXTRACT
(promace)
Olea Europaea

Anti-inflamammatory ancient
medical specie

Antioxidant and
antimicrobial properties

Main active molecule:
Hydroxytyrosol

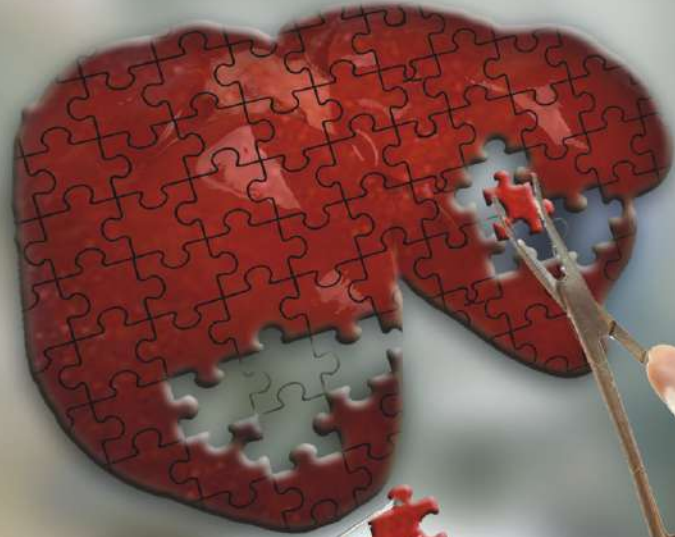
Improves liver health and
mitigates oxidative stress

Nourish with

ProfitVet HEPA



It's time to
protect the liver



www.fartal.com / info@fartal.com

ProfitVet HEPA

It's time to
protect the liver

Composition: Each 1 Liter

Silymarin.....5, 6%,	Taurine.....2100 mg,
Choline chloride....90000 mg,	Betaine.....49000 mg,
L-carnitine.....19500 mg,	Niacinamide....2000 mg,
D-panthenol.....1200 mg,	Vitamin B1.....400 mg,
Vitamin B2.....300 mg,	Vitamin B6.....350 mg,
Vitamin B12.....1mg,	Vitamin K3.....350 mg,

INDICATIONS :

- Fatty liver syndrome.
- Enlarged Liver.
- Spotty Liver in layers.

BENEFITS :

Silymarin:

- Protects the liver from effects of toxic agents by sealing cell membranes and inhibiting the penetration of toxins inside.
- Supports the regeneration of cells and prevents the accumulation of collagen in them, thereby inhibiting necrotic changes.
- Regulates the digestive process by stimulating the secretion of digestive enzymes.

Choline:

- Works to maintain normal liver function through the role it plays in fat metabolism.

Betaine:

- Betaine can halt and even reverse progression of disruption of liver function.
- It also helps in break down of fatty acids in the liver.
- Protects the liver from hepatotoxins.

L-carnitine:

- Essential for the proper utilization of fat derived from feed.
- Therefore it significantly improves growth rate and feed conversion.

Taurine:

- It helps to reduce toxins due to its detoxifying properties.
- Boosts digestion and metabolism.
- Helps transport creatine to muscles, thus increasing muscle mass.
- Taurine is an integral part of the liver's self protective mechanism. It defends liver cells against free radicals and toxins.

Vitamin B Complex:

- Liver disease can cause Vitamin B deficiencies as Vitamin B12 does not absorb well in intestine in liver disease. Presence of Vitamin B improves the metabolism and promotes growth.

Vitamin K:

- Liver diseases decrease the production of Vitamin K resulting in subcutaneous and internal hemorrhages. Vitamin K exhibits anti hemorrhagic properties as it is involved in blood coagulation.

DOSAGE:

Prevention: 1ml/ 2 liter of water for 3 to 5 days.

Treatment: 1 ml/ 1 liter of water for 3 to 7 days.

Large Animals: 20ml for 3-5 days.

PACKING:

Available in 1 liter and 5 liter

Exclusive Distributor:

FARTAL
PHARMACEUTICALS
Empowering Veterinary Drug Innovation
Karachi, Pakistan



علامات:

● جگر کے افعال کو درست کرتا ہے۔

● جسم سے فاضل مادوں کو خارج اور نقصان دہ اثرات کو ختم کرتا ہے۔

● جگر کے خلیوں کی افزائش کو تیز کر دیتا ہے اور پیٹ کی رطوبتوں کے اخراج میں معاون ثابت ہوتا ہے۔

● جگر کی بیماری کی وجہ سے جسم میں وٹامن بی کمپلیکس کی کمی ہو جاتی ہے۔ وٹامن بی کمپلیکس کی موجودگی جسم کی افزائش میں اضافہ اور وٹامن بی کمپلیکس کی کمی کو ختم کرتی ہے۔

طریقہ استعمال:

● بڑے جانور کے لیے: 1 لیٹر پانی میں 1 لیٹر 2 لیٹر پانی میں 3 سے 5 دن

● بڑے جانور کے لیے: 1 لیٹر پانی میں 1 لیٹر 1 لیٹر پانی میں 3 سے 7 دن

● بڑے جانور کے لیے: 20 لیٹر پانی میں 3 سے 5 دن

پیکنگ:

1 لیٹر اور 5 لیٹر بوتل میں دستیاب ہے۔

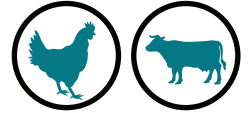
جانوروں میں استعمال کے لئے
For Veterinary use only

Manufacturer:
trans feed
Poland

www.fartal.com / info@fartal.com

BIÖNTE QUIMITOX® PLUS

A UNIQUE COMBINATION OF PHYTOGENICS,
MINERALS AND ORGANIC COMPONENTS



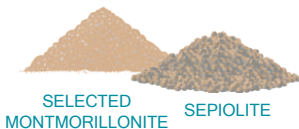
ADSORPTION



BIOPROTECTION



POST-BIOTIC



BIÖNTE QUIMITOX® PLUS
contains selected bentonite and
sepiolite that provide:

High efficacy

Mitigates the most
dangerous mycotoxins

The product efficacy is
pH-independant

Fast action against
mycotoxins after feed intake

Selective, without vitamins or
amino acids addroption

Exempted for dioxins and
heavy metals

Dose
Poultry: Mix form 0.5 to 3kg ton of complete feed.
Ruminants from 10 to 40 grams per head per day.



BIÖNTE QUIMITOX® PLUS contains
sylibarin and curcumin extracts that
provide:

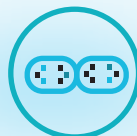
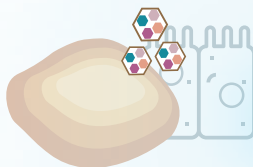
Hepatoprotective effect by
restoring the enzymatic activity

Stimulating effect on the
immune system

Powerful antioxidant effect
(x10 times Vit E)

Benefical effect on the intestinal
barrier

Anti-inflammatory effect



BIÖNTE QUIMITOX® PLUS contains yeast call wall and Hydrolyzed Yeast hat provide:

Yeast Cell Wall

Adsorbent
capacity

Prebiotic action in the
gastrointestinal tract

Immunoestimulating
effect

Reduces susceptibility to
infectious diseases

Hydrolyzed Yeast

Source of vitamins and
nucleotides

Promotes the assimilation of
nutrients

Growth factor improving
production parameters

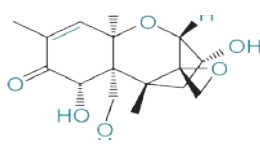
Modulates the intestinal
microbiota

Biõnte QUIMITOX® PLUS

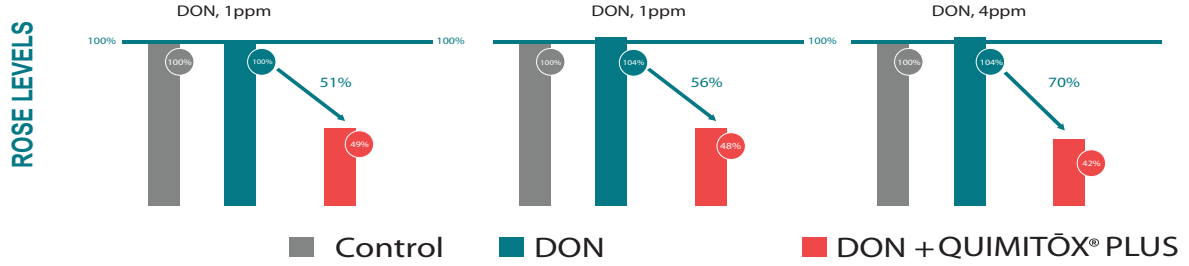
TRIPLE-ACTION MYCOTOXIN BINDER

COMPOSITION per 1 kg:

Bentonite (1m558) (1m558l)	600 g
Sepiolitic clay (E 563).....	298 g
Mixture of flavouring compounds	2 g
Yeast products, inactivated yeast: q.s....	1 kg



THE IN VITRO CAPACITY OF BIÕNTE QUIMITOX® PLUS TO REDUCE THE OXIDATIVE STRESS INDUCES BY DON



PROPERTIES

- BIÕNTE QUIMITOX® PLUS adsorbs the most dangerous mycotoxins.
- BIÕNTE QUIMITOX® PLUS has rapid action against mycotoxins after ingestion of feed.
- BIÕNTE QUIMITOX® PLUS does't adsorb vitamins and amino acid.
- BIÕNTE QUIMITOX® PLUS has hepatoprotective, immunostimulating effect.
- BIÕNTE QUIMITOX® PLUS has powerful antioxidant, anti-inflammatory and beneficial effect on intestinal barrier.
- BIÕNTE QUIMITOX® PLUS has prebiotic action and decreases susceptibility to infection decreases.
- BIÕNTE QUIMITOX® PLUS promotes assimilation of nutrients and modulates the intestinal microbes.

DOSAGE AND TARGET SPECIES

BIÕNTE QUIMITOX® PLUS is intended to be used in poultry and ruminants.

Poultry: Mix from 0.5 to 3 kg per ton of complete feed.

Ruminants: 10 to 40 grams per head per day.

INSTRUCTION FOR USE

Mix homogeneously with feed or raw materials. The simultaneous oral use with feed or raw macrolides shall be avoided. Stability to heat treatment: Stable under normal manufacturing conditions.

STORAGE CONDITIONS

Store in a dry place in original packaging at room temperature, protect from light and moisture.

PACKING: Net weight 25 kg

BIÕNTE QUIMITOX® PLUS جانوروں کے چارے میں موجود Mycotoxin کو نہ صرف مکمل طور پر جذب کر کے جسم سے اخراج کرنے کی صلاحیت رکھتی ہے بلکہ اس میں موجود قدرتی اجزاء سلیمیرین اور ہلدی جانوروں میں قوت مدافعت، جگر کی افزائش اور بیماریوں سے لڑنے کی صلاحیت میں اضافہ کرتا ہے۔ اس میں موجود yeast cell wall اور Hydrolysed yeast قدرتی مائکرو فلورا کو نارمل حالت میں رکھتا ہے جس کے نتیجے میں غذائیت کا انتہائی جذب کرنے کا عمل بہتر ہوتا ہے اور جانور تندرست اور بیماریوں سے محفوظ رہتا ہے اور اس کے نتیجے میں productivity اور منافع میں خاطر خواہ اضافہ ہوتا ہے۔

خوراک




BIÕNTE QUIMITOX® PLUS مرغیوں اور مویشیوں کے استعمال کے لیے - مرغیوں کیلئے: 0.5-3 گلوگرام 1 ٹن فیڈ میں استعمال کریں۔ مویشیوں کیلئے: 10 سے 40 گرام فی جانور روزانہ خام مال یا فیڈ میں اچھی طریقے سے مکس کر کے استعمال کریں۔ میکرو لائیو زائینٹی بائیوٹک کے ساتھ استعمال نہ کریں۔

ہدایت برائے اسٹوریج

کمرے کے درجہ حرارت میں اسکی اور بجٹل پیکیجنگ میں محفوظ رکھیں۔ نمی اور سورج کی روشنی سے محفوظ رکھیں۔

DEVELOPED BY:

Biõnte
ANIMAL NUTRITION
SPAIN

www.bionte.com
bionte@bionte.com
Reus (SPAIN)   

صرف جانوروں کے استعمال کے لیے
FOR VETERINARY USE ONLY

Exclusive Distributor:

FARTAL
PHARMACEUTICALS
Empowering Veterinary Drug Innovation
Karachi - Pakistan