

VIUSID[®]vet

VIUSID[®] vet acts on the growth of poultry birds, strengthening their immune system. It increases appetite and is an excellent antiviral and hepatoprotector.

COMPOSITION of VIUSID[®] vet Solution

Malic Acid, Glucosamine, Arginine, Glycine, Ascorbic Acid, Monoammonium Glycyrhizinate, Pyridoxine Hydrochloride, Zinc Sulfate, Calcium Pantothenate, Folic Acid, Cyanocobalamin, Sodium Benzoate, Potassium Sorbate, and Distilled Water.

COMPOSITION of VIUSID[®] vet Powder

Malic Acid, Glucosamine, Arginine, Glycine, Ascorbic Acid, Monoammonium Glycyrhizinate, Pyridoxine Hydrochloride, Zinc Sulfate, Calcium Pantothenate, Folic Acid, Cyanocobalamin, Sodium Benzoate, Potassium Sorbate, Maltodextrin, Calcium Carbonate, and Silicon Dioxide.

STORAGE

Store in a cool, dry place below 25° C.
Keep out of the reach of children and animals.

DOSAGE VIUSID[®] vet Solution

1 litre (33.81 fl.oz.) per 1000 litres of drinking water throughout the production cycle.

DOSAGE VIUSID[®] vet Powder

1 Kg (35.27 oz.) per 1000 Kg of feed throughout the production cycle.



Containers with 1, 5, and 25 kg of powder ready to be mixed with feed



Containers with 1, 5, and 25 litres of solution ready to be diluted in drinking water

Authorized Distributor:

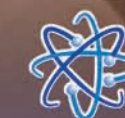


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www.catalysisvet.com/avicultura

VIUSID[®]vet

a specific product
to improve productivity
of laying hens



catalysis

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Why choose **VIUSID® vet**?

All the ingredients of **VIUSID® vet** undergo a biocatalytic process of MOLECULAR ACTIVATION.

The biocatalytic process of MOLECULAR ACTIVATION considerably improves the biological activity and the biochemical reactivity of all antioxidant molecules.

This method of ACTIVATION is much more effective when applied to a far wider range of hydrosoluble and liposoluble molecules.

We know the answer to this ACTIVATION in numerous antioxidants of all kinds and also the mechanism by which the accumulated electrons are able to reduce the free radicals of oxidant molecules.

In this mechanism we have observed greater synergy between some antioxidants used, that are sometimes capable of considerably increasing their overall antioxidant capacity.

Many factors can influence the ACTIVATION of all antioxidants.

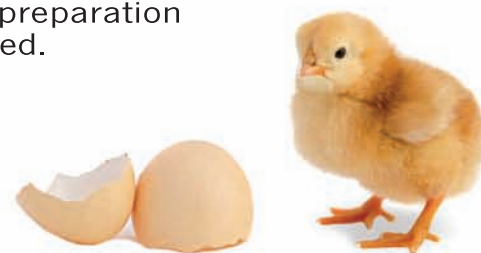
Amongst the most important chemical factors are the molecular structure, the active functional groups, specific antioxidant catalysts, the molecular weight, the pH, double carbon bonds, their solubility coefficient, etc., as well as the antioxidant capacity of each molecule.

The duration and the intensity of MOLECULAR ACTIVATION are amongst the most influential and important physical factors.

Not all antioxidants require the same ACTIVATION time to reach their maximum antioxidant capacity. The most important parameter for the control of better performance is their optimization. Once their highest antioxidant capacity is at its most favourable peak, ACTIVATION must be suspended because, after that maximum peak, their antioxidant capacity normally starts to diminish gradually or quickly.

When there is a mixture of two or more antioxidants, the optimal ACTIVATION time is previously calculated for each preparation separately, and this fixed parameter is always respected.

These results demonstrate that MOLECULAR ACTIVATION is essential and necessary to increase biological activity and obtain this way the greatest effectiveness in the treatment of diseases which directly or indirectly produce free radicals.



increases in a spectacular way
the quantity, the quality, and
the size of the laid eggs

the studies carried out show the efficacy of
VIUSID® vet
to optimize productivity of laying hens

VIUSID® vet is a nutritional preparation made of antioxidants, vitamins, trace minerals, and glycyrrhizinic acid, a substance with antiviral properties.

It is specially designed to boost the immune system. Therefore, it is perfect in all those processes that cause immunodeficiency.

It is common knowledge that consuming antioxidant nutrients is essential to ensure that the immune system works properly. **VIUSID® vet** constitutes in this sense a guarantee.

The activation of the ingredients of **VIUSID® vet** increases to a large degree the power of the biological functions of all of them, such as the antiviral and antioxidant action, without modifying or changing the molecular structure, and assures a very significant increase of the immunological defences of the organism.

VIUSID® vet is particularly suitable to be used as an adjuvant therapy for viral and parasitic illnesses, in chronic wasting diseases, and to build up the immune system.

it is also
a powerful hepatoprotector

Thanks to its composition based on natural ingredients, **VIUSID® vet** does not have any side effects.



Experimental test with **VIUSID® vet** in a poultry farm for laying hens

Redondo, S.L. poultry farm
Ávila, Spain
Veterinarian Óscar Mendoza Laiz

DOSAGE:

1 Kg per ton of feed

This protocol was carried out at Redondo, S.L. poultry farm, in which the 35,000 birds from this medium-sized poultry farm were compared with the same number of birds of the same breed, namely the Essex strain, from another farm. They were housed in sheds built out of sandwich panel with 45 cm walls and a 50 cm roof. The sheds were 65 m long, 16.5 m wide, and 6.5 m high around the eaves. They had automatic ridge vents and windows, a tunnel cooling pad, and six rows of five tier battery cages fitted out in accordance with regulation 74/99 EEC.

- **Feed:** Powdered **VIUSID® vet** was added to feed that contained 17% protein in a ratio of 1 kg per ton, whilst the control group was given feed containing 18% protein.

The time of the year was different: The control group was assessed from February to March and the treatment group from October to November, being the room temperatures very similar in both cases. Both batches had just come off an extemporaneous moulting period.

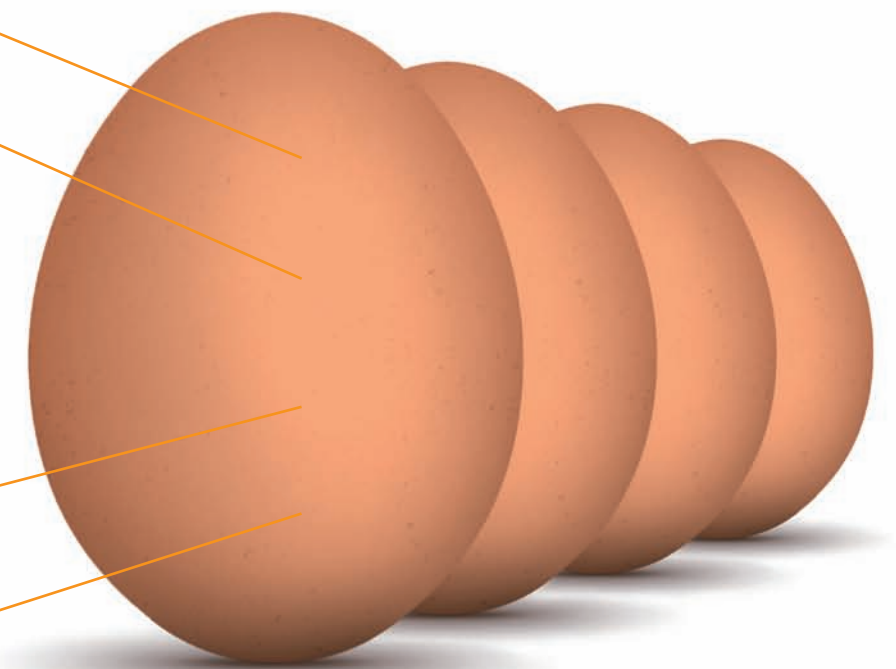
RESULTS

- There were noticeable differences in the quality gauged in Haugh units since the eggs laid by the hens that were given **VIUSID® vet** weighed more than those laid by the hens from the control group. This piece of information should be taken into account when formulating.
- **Mortality is significantly less** in the group treated with **VIUSID® vet**.
- **1.7% average unit weight gain per egg.**
- **6.3% average increase in shell thickness.**

reduces morbidity
and mortality

**spectacular increase in the size
of the laid eggs (40% more XL units)**

thicker shell



**the feed conversion index is 10.4%
better than that of the control group**

M size practically disappears

With **VIUSID® vet** the mortality rate is four times lower throughout the production period of laying hens. This product is an excellent hepatoprotector too.

VIUSID®
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Effect of the administration of **VIUSID® vet** on the productive parameters of laying hens

La Cabaña poultry farm
Tecamac, Mexico State, Mexico
Veterinarian Martín Gómez D.

DOSAGE:

1 Kg per ton of feed

This protocol was carried out at La Cabaña poultry farm, where 50-week-old laying hens were housed in two sheds with a natural environment. These were fitted with manual egg collecting equipment and nipple drinkers:

- **Shed 1**, 2,998 birds (control group)
- **Shed 2**, 2,998 birds (group treated with **VIUSID® vet** for 25 days)
- **Feed:** The feed that was prepared consisted of sorghum, meat meal, bran, wheat flour and calcium carbonate. **VIUSID® vet** powder was added together with the micro-ingredients (methionine, vitamins, orthophosphate, salt, red pigment, yellow pigment, and mycotoxin absorbent) in a dose of 1 kg per ton. Mixing time was 30 minutes.
- **Evaluation time:** From 50 to 54 weeks old.
- **Parameters:** Kilos of soft eggs, broken eggs, and total kilos produced.

RESULTS

Production parameters of BAD EGGS obtained per day

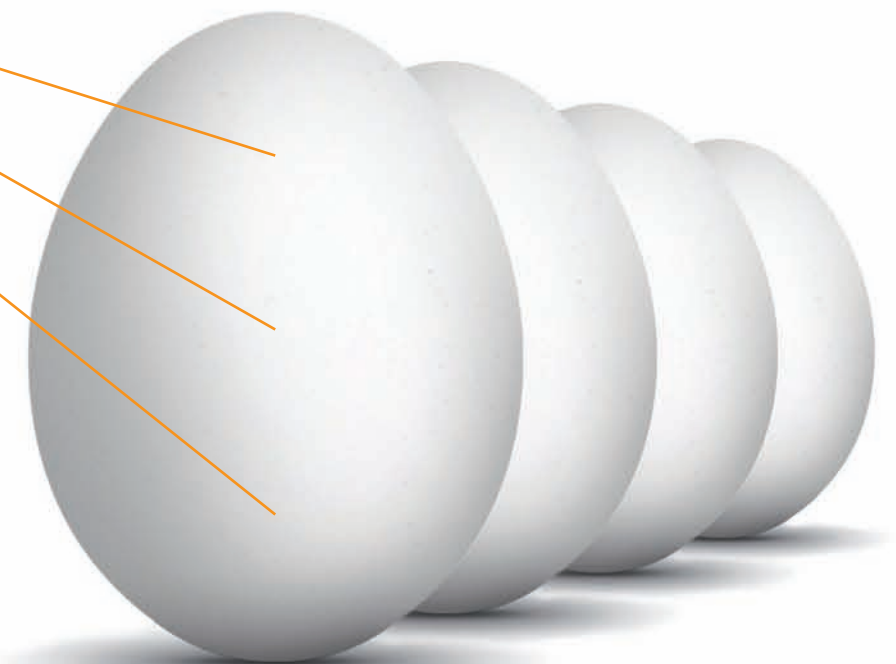
EGG	CONTROL pieces	CONTROL grams	VIUSID® pieces	VIUSID® grams	DIFFERENCE	%
SOFT	30	1,531	15	765	15 fewer	-50%
POROUS	15	780	9	468	6 fewer	-40%
CRACKED	134	6,968	96	4,992	38 fewer	-28%
TOTAL	179	9.279	120	6.225		

reduced
feed conversion index
by 240 g of feed
per kilo of eggs

increases the number of eggs laid daily

improves egg quality of the eggs laid

increases the weight of laid eggs



Production parameters of GOOD EGGS obtained per day

EGG	CONTROL pieces	CONTROL grams	VIUSID® pieces	VIUSID® grams	DIFFERENCE	%
TOTAL	1,750	105	1,916	115	10 Kg	9.5%

FEED CONVERSION parameters

FEED CONVERSION	CONTROL (2.998 birds)	VIUSID® (2.998 birds)	DIFFERENCE %
FCI (100 g/bird)	2.78	2.54	- 9.1%

Adding **VIUSID® vet** to the feed that is administered to the birds does not alter their homeostasis or their symptomatology in any way.

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