

Alpha^{VITAMIN}αD₃



**Our leadership in research,
now becomes your advantage.**

Alpha^{VITAMIN}D₃



Increases performance and quality.

Find out why Alpha^{VITAMIN}D₃ is the best source of Vitamin D

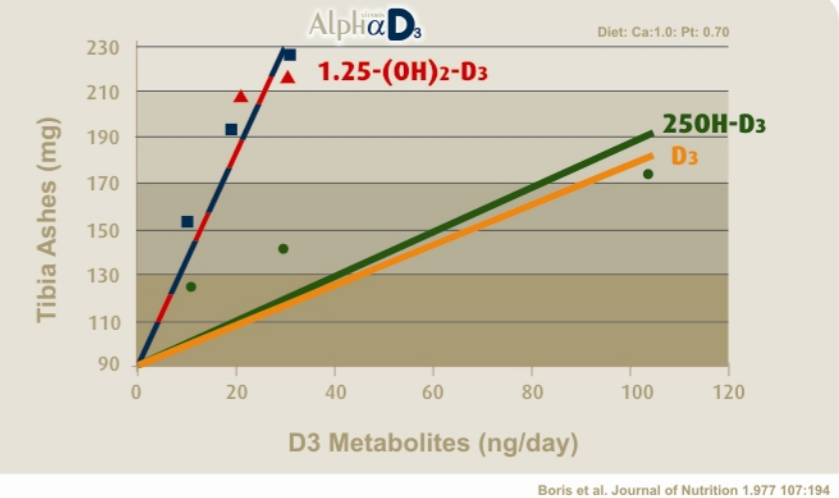
The modern genetic breeds have increased productivity levels, improving the growth rate, profits and animal quality. As a result, nutritional requirements have been increasing as well.

Modern broiler chickens cannot make enough of the active hormonal form of vitamin D, (1.25-(OH)₂-D₃). When Alpha^{VITAMIN}D₃ is fed, it is quickly hydroxylated to the active form. As a result, calcium, phosphorus and the divalent trace mineral absorptions are increased.

- Increases the utilization of phytate phosphorus in the feed.
- Lower cost per ton of feed.
- Prevents tibial dyschondroplasia.
- More phosphorus and calcium absorption
- Easy traceability in the feed.
- Thermostable product.

Alpha^{VITAMIN}D₃ **Is 10 times more bioactive than the conventional sources of vitamin D3.**

Relative Activities of Some Metabolites and Analogs of Cholecalciferol in Stimulation of Tibia Ash Weight in Chicks Otherwise Deprived of Vitamin D



Phytase

HELPS IN DIGESTION
Works on the upper intestinal tube under a specifically low pH.

Alpha^{VITAMIN}D₃

HELPS IN ABSORPTION
Works on the lower gastrointestinal tube at a high pH.

Alpha^{VITAMIN}D₃ **Is the best choice to maximize feed utilization efficiency and maintain broiler bone and leg health.**

Recommendations for Use

µg / Kg Alpha ^{VITAMIN} D ₃	TON INCLUSION	PHYTASE	REDUCTION	
			Ca	P Disp.
5	12.5 g	-	0,15	0,1
5	12.5 g	+	0,2	0,15

Alpha^{VITAMIN}D₃

25 Hidroxilase / LIVER

This enzyme is not regulated, therefore is more bioactive in the metabolic process.

High Efficiency
95%

Vitamin D₃ & 25OH-D₃

1α Hidroxilase / Kidney

This enzyme is highly regulated, therefore is less bioactive in the metabolic process.

Low Efficiency
20%

1,25-(OH)₂-D₃

ACTIVE FORM D₃

Among the target tissues of the active form of vitamin D, are the bones, intestines and kidneys.



Distributed by:

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