

# FOR STRONG BONES, SOLID SHELLS AND RICH YOLKS



## 10 - reasons to choose Intra Calferol

Year after year, broilers grow faster and heavier and laying rates of layers and breeder hens continue to increase. Vitamin D3 is essential to ensure optimal absorption of calcium and magnesium from the intestine into the bloodstream. Vitamin D3 is the key, the “shot of sunshine” supporting strong bones and durable eggshells. Beyond bone and eggshell strength, Intra Calferol improves animal liveability and supports a deeper egg yolk colour.



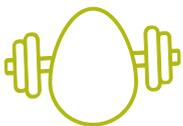
### 1 UNIQUE ALL-IN-ONE SOLUTION

Intra Calferol is a unique all-in-one formulation designed for optimal skeletal function and eggshell quality. When dosed via drinking water, it supplies not only a high level of Vitamin D3, but also organic, chelated calcium and magnesium. Excellent solubility and intestinal availability ensure rapid utilisation, allowing calcium to act as the “stones” and magnesium as the “cement” for strong bones and solid eggshells.



### 2 TWO-YEAR VITAMIN D3 GUARANTEE

Vitamin D3 is highly vulnerable to pH, temperature, humidity and oxygen. Label values cannot always be trusted. Analysis of many competitive products has shown actual Vitamin D3 levels of only 5–50% of declared values. Some 25-hydroxyvitamine D3 products even only guarantee a shelf life of six months after production. Through encapsulation and emulsification of Vitamin D3, Intra Calferol guarantees a shelf life of up to two years.



### 3 STRONG EGGSHELLS FOR BREEDERS AND LAYERS

University trials and field studies demonstrate that super-dosing Intra Calferol significantly improves bone strength as well as eggshell strength, weight and thickness. Intra Calferol makes eggs tougher to crack. As layers and breeder hens are aging, the number of cracked and dirty eggs increases, negatively affecting quality and profitability. Intra Calferol halts this decline and often improves shell quality. Herewith, it can extend the productive lifespan of layers while increasing the proportion of A-grade eggs.



### 4 IMPROVED EGG YOLK COLOUR

Consumers eat with their eyes. In many countries, a deeper egg yolk colour is an important quality parameter. The use of synthetic colouring agents is facing stricter legal restrictions. Intra Calferol provides a natural solution to significantly improve egg yolk colour. Results show that dosing 1,000 ppm one day per week significantly enhances yolk colour and increases beta-carotene levels in the yolk by 13%. In one of Europe’s largest layer integrations, a continuous dose of 500 ppm Intra Calferol reduced the use of synthetic pigments by 25% while doubling the return on investment.





## 5 ENHANCED LIVABILITY THROUGH BETTER MUSCLE FUNCTION

Calcium availability is essential for muscle activity and contraction - most importantly in the heart. This is particularly evident in cows and sows around parturition, which require additional calcium for smooth delivery and high-quality colostrum production. A calcium deficiency can lead to stillbirths or milk fever. In poultry, timely supplementation with Intra Calferol enhances liveability, resulting in a visible reduction of the number of "sitters".



## 6 ONE-DAY-PER-WEEK MAINTENANCE PROTOCOL

Scientific studies show that dosing 1,000 ppm one day per week is sufficient to support bone development or eggshell quality. During more demanding phases, such as managing poor bone quality in day-old chicks, supporting layers through moult, periods of stress, or nutritional challenges, a 3-5 day dosing regimen for several weeks is recommended to restore optimal performance. Field experience confirms the rapid effectiveness of Intra Calferol, making it a highly cost-effective management tool.



## 7 PREMIUM CALCIUM AND MAGNESIUM

Many calcium sources used in feed, grit or chalk have very low bioavailability, with only a small fraction absorbed by the intestine. The calcium and magnesium in Intra Calferol are highly water-soluble and bioavailable. Vitamin D3 enables immediate and efficient utilisation of these minerals for an excellent calcium and magnesium homeostasis.



## 8 EXPANDED DOSING FLEXIBILITY WITHIN THE INTRA NUTRIENT RANGE

Modern poultry integrations and farmers aim to optimise bird health and performance. Farmers often need to administer multiple products simultaneously via drinking water. Intra Calferol has been developed to be compatible with Intra Aerosol and Intra Aqua Acid Mineral, allowing farmers to address multiple challenges at once without compromise.



## 9 IMMEDIATE EFFECT VIA DRINKING WATER

Broiler, breeder and layer diets are formulated with average levels of Vitamin D3, calcium and magnesium. However, when leg problems, declining eggshell quality or reduced liveability occur, feed formulations in the silo cannot be adjusted quickly enough to provide an immediate solution. Precision nutrition via drinking water with Intra Calferol is giving farmers a direct and timely management tool.



## 10 NO BIOFILM FORMATION IN WATER LINES

Many Vitamin D3 supplements contaminate drinking water systems and may stimulate biofilm formation. In over 15 years of global use, Intra Calferol has consistently proven safe for water lines. As best practice, we recommend a maintenance protocol of one day per week with Intra Hydrocare, made possible by our unique BPR PT05 registration, to ensure optimal water hygiene.

Available by your local dealer:

