

Calcium & phosphorus utilization



Calcium and phosphorus are the framework for bone and eggshell development, resulting in muscle growth and egg production - the essentials for poultry profitability.



DSM

BRIGHT SCIENCE. BRIGHTER LIVING.



The effects of Ca & P levels

- Phytic acid (binds Ca & P) is a common antinutrient found in plants used in poultry feed.
- Variation in quality of limestone providing Ca & P can lead to over- or underestimation of Ca & P and impact performance.
- Meeting vitamin requirements ensures efficient metabolism of Ca and P.
- Deactivating mycotoxins in the feed ensures efficient absorption of Ca and P.
- Maximizing Ca & P utilization saves on feed costs, improves bone health and eggshell quality, and lowers phosphorus emissions.

Ca & P utilization portfolio offering

An advanced heat-stable phytase at the right dose can release the maximum P from phytate and improve the availability of Ca. Vitamin D in a further metabolized form as 25-OH-D3 is highly efficient in potentiating Ca and P metabolism by increasing their bioavailability and absorption from the gut. By providing the bird with optimum vitamins that have higher bioavailability and deactivating

mycotoxins, you can achieve efficient utilization of Ca and P while saving on feed cost. Use targeted blood biomarker analysis for early detection of Ca and P imbalances to support more consistent nutrition and health of your flock. Whether standalone or in combination, these tools offer a performance-driven solution to improve Ca and P utilization from feed, ensuring a return on your investment.

RONOZYME® HiPhos™

RONOZYME® HiPhos takes feed phytase to the next level. Far less inorganic phosphorous needs to be added to the diet, resulting in substantial savings on feed costs.

OVN™

Provides vitamins for poultry at the optimal inclusion levels for the most efficient Ca and P metabolism.

HiPhorius™

Raises the market standard for phytase technology, delivering consistent improvements in animal performance through efficient phosphorous utilization.

Verax™

Harness the power of data to get a deeper understanding of the overall health, productivity and welfare of your birds.

Hy-D®

Provides birds a fast track to Ca and P absorption for a strong skeleton and better performance.

Mycofix®

Deactivates mycotoxins to help support efficient Ca and P utilization.