

Creative Enhancer From Nature

PHYTINGest

PHYTINGest is CJ BIO's new brand of phytase product.

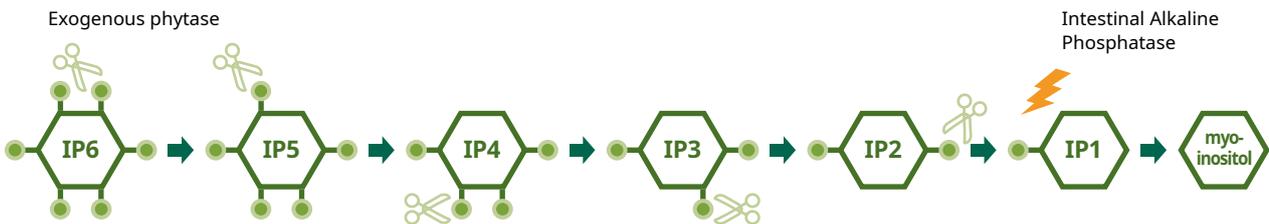
"PHYTINGest hydrolyzes indigestible phytate-bound phosphorus present in grains and legumes, releasing phosphorus and myo-inositol. PHYTINGest also increases the availability of minerals and amino acids by preventing chelation to phytate, resulting in improved animal performance and reduced feed costs."

Benefits of PHYTINGest

- Degrades phytate to release phosphorus and myo-inositol
- Increases availability of nutrients including minerals, protein, starch.
- Saves on feed costs by reducing the need for inorganic phosphorus supplementation

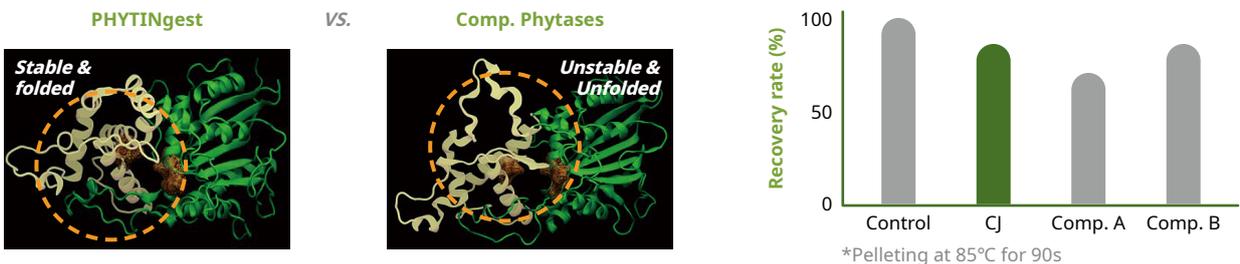
✔ Phytate destruction by phytase

: Phytase step-wisely dephosphorylates IP6 (inositol 6 phosphate) to lower esters (IP5-IP1) and myo-inositol is released by intestinal alkaline phosphatase. The target of exogenous phytase is near complete destruction of phytate to IP1.

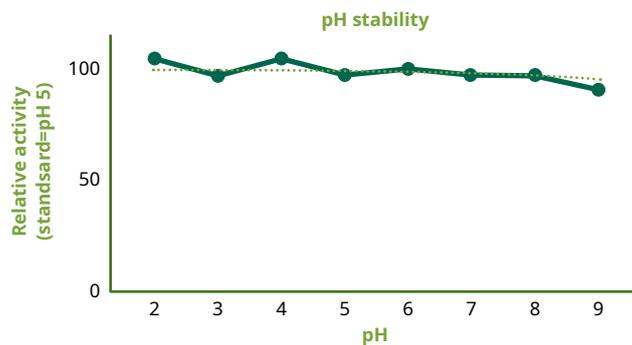


Characteristics

- "PHYTINGest maintains its structural stability even under high heat conditions."



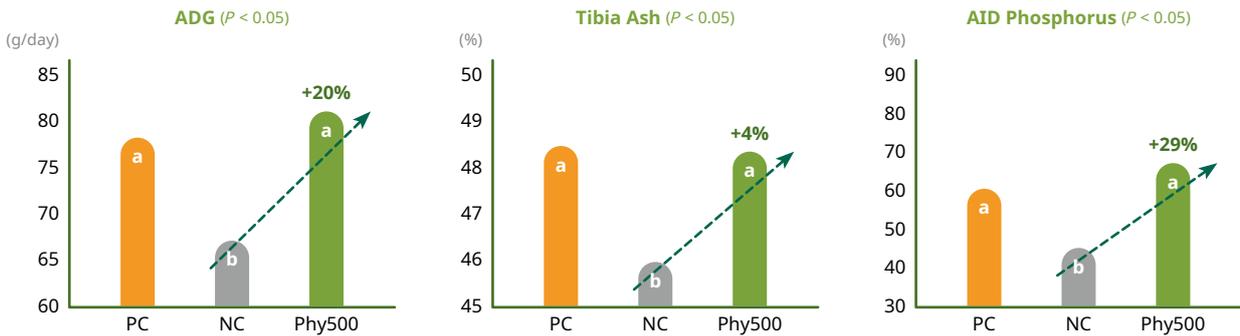
- PHYTINGest has pH stability in stomach after feeding



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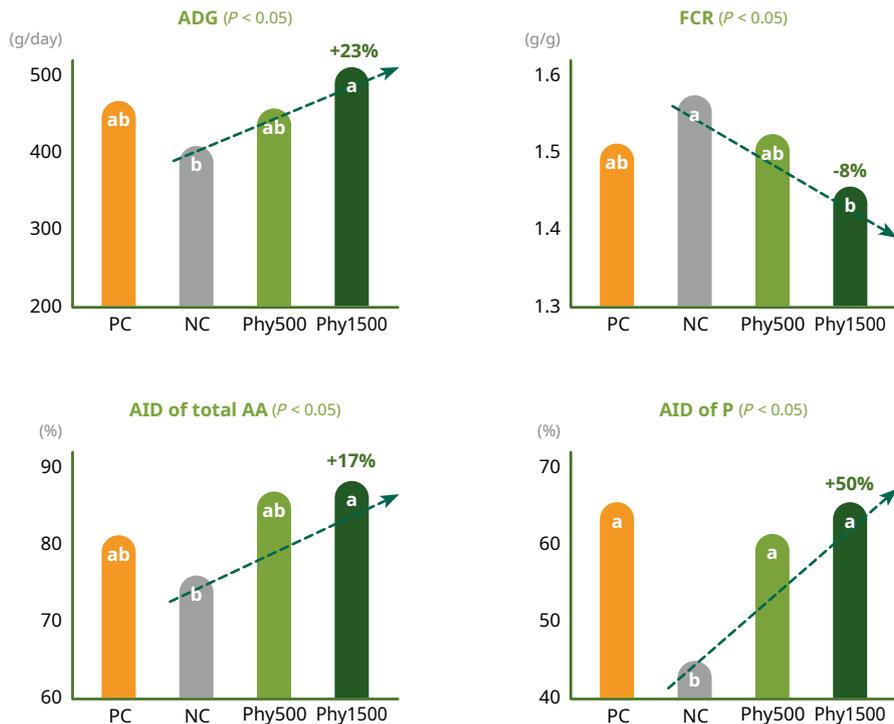
PHYTINGest Research Trial

PHYTINGest improves growth performance, bone mineralization and digestibility in broilers



* PC = basal diet ; NC = basal diet with less 0.20% Ca and avP

PHYTINGest improves growth performance and digestibility in weaned piglets



* PC = basal diet ; NC = basal diet with less 0.12% Ca and less 0.15% avP