

## Optimising Poultry Productivity Webinar Series

In the second of our technical webinar series we heard from Huvepharma's global enzyme specialists Lode Nollet and Natália Soares. They joined our Australasian audience of poultry experts to discuss the latest research supporting Huvepharma's phytase and NSP enzymes.

Lode (Huvepharma Global Product Manager, Enzymes) presented the benefits of OptiPhos Plus, the potent, intrinsically thermostable phytase enzyme for pig and poultry food.

He emphasised that OptiPhos Plus is heat stable, and its matrix is reliable (meaning matrix values are not overestimated). This gives nutritionists confidence to formulate closer to the animals' phosphorus requirements and consequently requires less of the expensive inorganic phosphorus be added to diets.

Lode also emphasised that in order for phytase to work efficiently care must be taken not to overfeed calcium, especially not in the form of fine limestone, as it can disrupt the activity of the phytase in releasing phytate bound phosphorus.

He also reminded us that superdosing is profitable in all diets even when they include animal protein raw materials. in the diets. This is mainly due to the improved protein digestibility being realised, but nutritionists must be realistic in the level of improvement in protein digestibility expected, 1 - 2 % maximum.



*Watch Lode's OptiPhos Plus Summary video here*

Natália (Huvepharma's Global Product Manager, Enzymes) summarised Huvezym neXo, a unique nutritional tool, key to the efficient utilisation of modern monogastric diets because fibre is not a single substrate but a family of structurally diverse barriers.



*Watch Natalia's summary*

In monogastric animals

- xylanase is essential for cereal arabinoxylans and viscosity control
- cellulase helps dismantle the cellulose framework that limits access to entrapped nutrients
- xyloglucanase is a logical next-generation tool for dicot-derived protein meals in which xyloglucan is a central architectural polysaccharide

Together, these activities can increase digestibility, enhance the productive value of soybean, rapeseed and sunflower by-products, improve feed conversion and support overall animal production efficiency.

As feed formulation moves toward greater use of alternative raw materials, enzyme programs designed around xylan, cellulose and xyloglucan will become increasingly important for both economic and nutritional performance.



*Watch the full recording of the webinar by clicking on the link above*



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If you or your team want to know more about this or future webinars contact Paul from AgriHealth by phoning **+64 21 821 470**, or emailing **paul@agrihealth.co.nz**



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