provisoy™

For greater gut health

Support pig health with a technology you can trust

When it comes to raising young pigs, health and uniformity are vital for your bottom line. But, remaining healthy and thriving through weaning and beyond can be a challenge for young pigs. Provisoy™ has been helping our global customers nourish uniform pigs and support gut health for more than 20 years and is backed by a world-class team of experts.

Weaning can challenge pig health and growth – Provisoy can help

Two unique modes of action to support gut health

Provisoy can help reduce the amount of fermentable protein available for harmful bacteria and supports beneficial bacteria through a unique prebiotic effect, helping balance microflora populations.

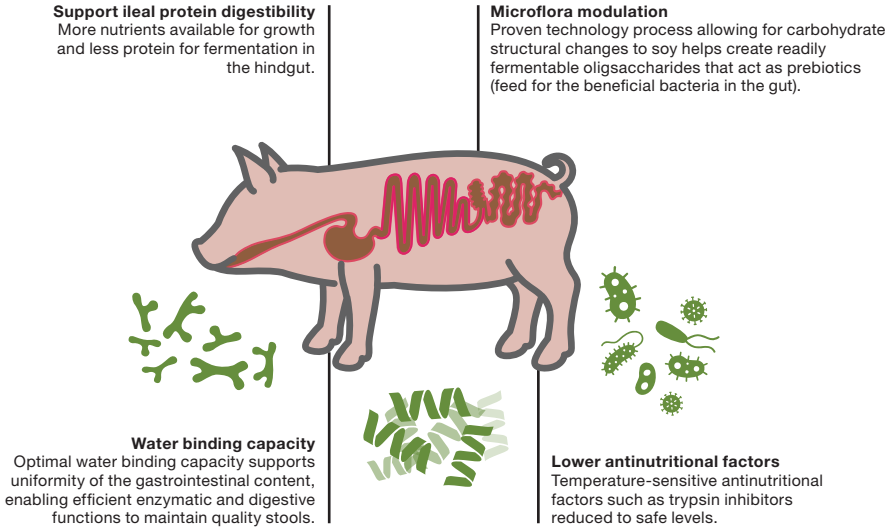
Supports performance and production efficiency

It has been demonstrated to help improve average daily gain, feed intake, feed conversion rates and uniform growth during the first two weeks post-weaning.

Proven, trusted technology

Provisoy is powered by a time-tested technology, proven to safely support protein digestibility, and is backed by dozens of research trials.

Multiple modes of action to help improve pig performance



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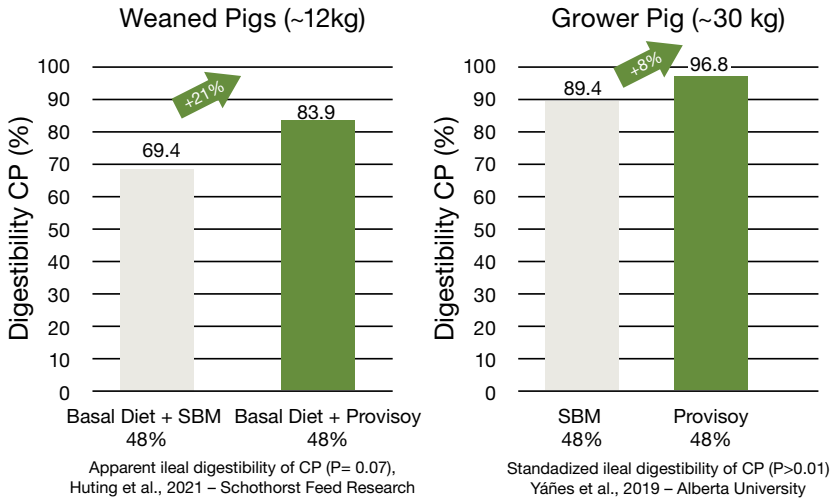
Cargill®

Help young piglets thrive

A recent study conducted by Schothorst Feed Research (SFR, a Dutch independent research institute) found that the beneficial impact of improved Provisoy protein digestibility is greater in younger and, consequently, more immature animals.

At SFR, comparing SBM and Provisoy, Crude Protein (CP) digestibility increased by 21% (69.4% vs. 83.7%). In a previous study conducted at the University of Alberta, Canada (Yanez et al., 2019), using older cannulated piglets (~30kg), the improvement was 8%.

Ileal digestibility of Provisoy protein is higher than SBM with greater differences observed in younger pigs



Apparent ileal digestibility of CP (P= 0.07), Huting et al., 2021 – Schothorst Feed Research

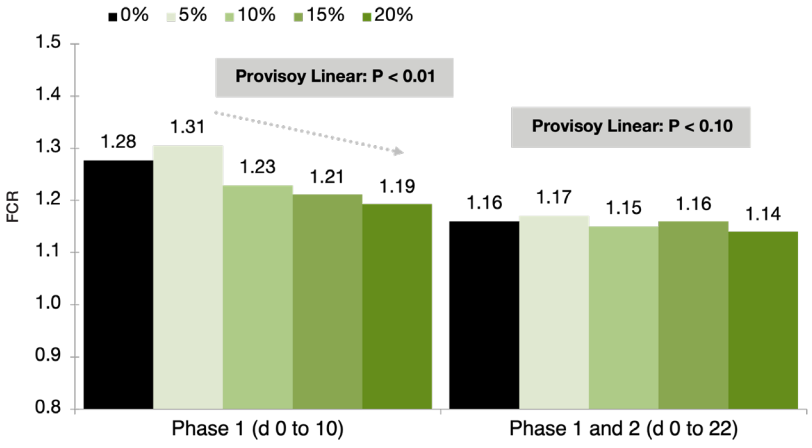
Standadized ileal digestibility of CP (P>0.01) Yáñes et al., 2019 – Alberta University

Help young pigs perform

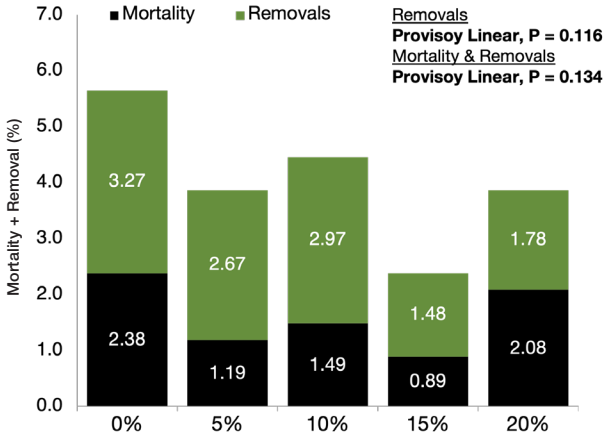
An experiment was conducted to test the hypothesis that replacing soybean meal **(SBM)** with a hydrothermal mechanical processed **(HTM)** SBM (Provisoy), optimized for digestibility, would improve growth performance of nursery pigs.

Results indicated that increasing HTM SBM linearly improved ($P < 0.01$) gain:feed **(G:F)** in phase 1 and tended ($P < 0.10$) to linearly improve average daily gain **(ADG)** and G:F day 0 to 22 post-weaning. Mortality and removals were numerically reduced when HTM SBM was added in the diet. In conclusion, replacing SBM with HTM SBM up to 20% in a low complexity diet improved early nursery performance and numerically reduced mortality and removals.

Piglets receiving Provisoy had significantly improved feed efficiency during the first 10 days post-weaning and numerically lower mortality and removals



Cargill Research, 2022, F3-N22-40/42



Mortalities were not adjusted for pigs removed
Mortality analyzed as a binomial distribution (probability *100)

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