

# Fresta® Protect is a phytogetic solution aimed at supporting pigs through the challenges of weaning and disease pressure.



## OVERVIEW

Weaning is a stressful period for young piglets; at weaning and during the first 10-14 days post weaning, piglets face major health challenges. The digestive tract and immune system are not sufficiently developed yet to cope with these challenges. This often results in loss of appetite and, consequently, a reduced feed and nutrient intake.

Fresta® Protect is a phytogetic feed additive to support piglets post-weaning. The formula of essential oils, mucilages and flavonoids enhances palatability and feed intake to help support gut health and support stress tolerance after weaning to benefit overall performance and profitability.

## TRIALS

Effects of feeding Fresta® Protect with or without supplementation of specialty fats on performance in nursery pigs.

|                       | No Specialty Fats       |                      | With Specialty Fats     |                      |
|-----------------------|-------------------------|----------------------|-------------------------|----------------------|
|                       | Without Fresta® Protect | 0.1% Fresta® Protect | Without Fresta® Protect | 0.1% Fresta® Protect |
| Phase 1+2 ADG (lb/d)  | 0.664                   | 0.686*               | 0.659†                  | 0.668*†              |
| Phase 1+2 F:G (lb/lb) | 1.065                   | 1.038*               | 1.078†                  | 1.046*†              |
| Phase 1+2 BW (lb)     | 26.97                   | 27.43*               | 26.90†                  | 27.03*†              |

\*Fresta® Protect,  $P < 0.05$ ; †Specialty Fats,  $P < 0.05$

Effects of dietary inclusion of a MCFA blend and Fresta® Protect on growth performance, gut health and livability of *E. coli* challenged pigs.

|                           | No Antibiotics (NC) | 55 mg/kg Carbadox (PC) | NC + MCFA | NC + Fresta® Protect | NC + MCFA + Fresta® Protect |
|---------------------------|---------------------|------------------------|-----------|----------------------|-----------------------------|
| Post-challenge ADG (lb/d) | 0.703               | 0.873*                 | 0.776     | 0.796†               | 0.822‡                      |
| Overall F:G (lb/lb)       | 1.349               | 1.116*                 | 1.208#    | 1.190†               | 1.248                       |
| Post-challenge BW (lb)    | 23.59               | 25.88*                 | 24.16     | 24.60                | 25.20‡                      |

\*NC vs. PC,  $P < 0.05$ ; #NC vs. MCFA,  $P < 0.05$ ; †NC vs. Fresta® Protect,  $P < 0.05$ ; ‡NC vs. MC + MCFA + Fresta® Protect,  $P < 0.05$

Effects of feeding Fresta® Protect and Nurture™ technologies on the performance of nursery pigs.

|               | No Nurture™ Technologies (NC) | NC + 0.1% Fresta® Protect | Standard Nurture™ (PC) | PC + 0.1% Fresta® Protect |
|---------------|-------------------------------|---------------------------|------------------------|---------------------------|
| ADG (lb/d)    | 1.04                          | 1.06*                     | 1.08†                  | 1.12*†                    |
| ROFC (\$/pig) | \$29.06                       | \$29.53*                  | \$29.95†               | \$30.72*†                 |
| Final BW (lb) | 53.36                         | 54.11*                    | 54.66†                 | 56.05*†                   |

\*Fresta® Protect,  $P < 0.05$ ; †Nurture™ Technologies,  $P < 0.01$

## FEEDING RECOMMENDATIONS

Fresta® Protect should be fed at 2 lb/ton to weaned pigs up to 25 lb body weight. The essential oils in Fresta® Protect are micro-encapsulated and therefore the product is heat stable to be applied in mash or pelleted feeds. Fresta® Protect comes in 55 lb bags.