



OutPace™ Feed Additive

OutPace™ Feed Additive is a blend of key functional extracts and acidifiers specifically designed to be fed to late nursery/grower swine, supporting their performance during common periods of stress such as diet change, movement or other wellness challenges.

- Specifically designed for late nursery/grower pigs (from 30 lbs to 80 lbs).
- Supports immuno-competence and gut integrity

The late nursery-grower period in swine production can be a critical time for certain stressors to become apparent. Early dietary changes, movement or transport from nursery barns to grower-finish units, seasonal temperatures changes and other potential wellness challenges can have a negative impact on swine performance.

Nutritional programs are designed to optimize animal performance and production efficiency. Inclusion of functional ingredients, such as acidifiers or phytogetic extracts, are typically directed at supporting optimal gut integrity. Strategies that combine these tools are often needed to ensure success. High gut integrity contributes to optimized endogenous secretions which supports digestion and nutrient absorption. High gut integrity also requires less energy expenditure for maintenance therefore, more nutrients are available for production parameters.

OutPace™ Feed Additive (OutPace™ FA) consists of a proprietary and carefully researched blend of key extracts and acidifiers. These are functional components that support immuno-competence and gut integrity for optimal animal performance. Several trials have demonstrated the capability of the key OutPace™ FA components to support performance:

A trial was performed at a commercial wean-finish research facility in Iowa to evaluate the effect of OutPace™ FA components on performance of swine fed diets without antibiotics (using 11 pens/treatment, 20 pigs/pen). The trial duration was 42 days and OutPace™ FA was fed from day 27 to day 42 (Phase 4 of the nursery, feed budget 34 lbs). NEWtraStart™ Feed was included in both the control and OutPace™ FA treatment. Removals were high because the pigs were from a sow unit recovering from PRRS.

| | Control | Control + OutPace™ FA components | Difference |
|----------------------------|--------------------|----------------------------------|---------------------------|
| Start weight, lbs/pig | 11.226 | 11.227 | |
| D 27 weight, lbs/pig | 26.61 | 26.63 | |
| D 42 weight, lbs/pig | 47.23 | 48.09 | 0.86 |
| Difference D 0-42, lbs/pig | 36.00 | 36.86 | 0.86 |
| D 0-42, lbs/pig | | | |
| ADG, lbs/pig | 0.765 | 0.806 | 5.4% |
| ADFI, lbs/pig | 1.114 | 1.131 | |
| Feed Efficiency (FE) | 1.460 ^b | 1.406 ^a | 3.70% (5.4 Points) |
| Removals, number of pigs | 20 | 8 | |
| Removals % | 9.091 ^b | 3.636 ^a | ↓60% |

^{ab}Means in the same row with different superscripts differ P < 0.10



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A second trial was performed at the same location listed above, using 9 pens/ treatment (20-22 pigs/pen). This time the trial length was 48 days and OutPace™ FA was fed from day 28 to day 48. Dietary treatments were evaluated during Phase 3 of the nursery (feed budget 40 lbs). The new 2015 Purina UltraCare® Feed program was the control treatment. Results demonstrated:

| | Control | Control + OutPace™ FA components | Difference |
|-----------------------------|---------|----------------------------------|---------------------------|
| Start weight, lbs/pig | 12.960 | 13.017 | |
| D 28 weight, lbs/pig | 30.557 | 31.052 | 0.495 |
| D 48 weight, lbs/pig | 55.199 | 56.498 | 1.299 |
| Difference D 28-48, lbs/pig | 24.642 | 25.446 | 0.804 |
| Difference D 0-48, lbs/pig | 42.239 | 43.481 | 1.242 |
| D 28-48 | | | |
| ADG, lbs/pig | 1.215 | 1.272 | 4.7% |
| ADFI, lbs/pig | 1.970 | 2.008 | 1.93% |
| Feed Efficiency (FE) | 1.625 | 1.583 | 2.58% (4.2 Points) |
| D 0-48 | | | |
| ADG, lbs/pig | 0.901 | 0.921 | 2.2% |
| ADFI, lbs/pig | 1.290 | 1.285 | |
| Feed Efficiency (FE) | 1.433 | 1.397 | 2.51% (3.6 Points) |

(Trial Ref: FT142N) 2015

Inclusion levels

Mix at the rate of 2-4 pounds per ton of finished feed for late nursery/early grower pigs.

- 2 lb/ton for normal conditions
- 2-4 lb/ton for stressful conditions or non-antibiotic production

Packaging

Bags, net weight 50 pounds. Code A20258B0

Available from: Nutra Blend, LLC, Neosho, MO 64850 Tel: 800.657.5657
TPi Premixes, Madera, CA 93637 / Hubbard, OR 97032 Tel: 559.661.6161 / 503.982.9545
The Old Mill Troy, North Troy, Vermont 05859 Tel: 800.945.4474

PMI Nutritional Additives, 1080 County Road F West, Shoreview, MN, 55126
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