



 **PURINA**

PROGRESS TO PROFIT™

www.progresstoprofit.com

The Progress to Profit™ Program creates eaters from the start and keeps the growing going by minimizing transition stress through finishing. All UltraCare® products are formulated with flavor-enhancing ingredients, and their high palatability keeps young pigs eating aggressively. Other products in the Progress to Profit™ Program address stressors pigs face in late finishing and aid in manure management.

The Progress to Profit™ Program has been shown in research studies to deliver nutrition for optimal feed intake and gain, resulting in excellent feed conversion from wean-to-finish.¹ Pick and choose from these 16 research-proven products to optimize the best solution for your operation as you progress to profit.



ULTRACARE® GEL

Promote a solid start and smooth transitions

- Highly palatable formula creates eaters, provides nutrition and hydration, and eases the transition to dry feed.
- Studies have shown an increase in feed consumption in the first 4–7 days post-weaning and 55% fewer removals.¹

Feeding directions: Mat feed UltraCare® Gel for at least 2 days pre-weaning; for the first 5 days post-weaning; and, when vaccinating, one day before, the day of, and one day after vaccinations.



ULTRACARE® SWINE ELECTROLYTE

Promote hydration

- Supports gut health, including the health of intestinal villi, through increased water intake.
- Designed to support young pigs' ability to internally absorb glucose and to transition onto dry feed.

Feeding directions: Provide UltraCare® Swine Electrolyte through a water medicator for the first 5 to 7 days post-weaning and during times of stress.

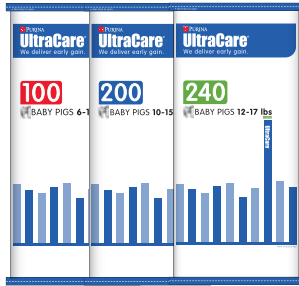


ULTRACARE® CREEP NEW FORMULATION

Creates Eaters®

- UltraCare® Creep tastes and smells like sow's milk. Pigs imprint on this taste, making it easy for them to switch to other UltraCare® diets as they grow.
- In a study comparing pre-weaned pigs fed a complex diet such as UltraCare®, results showed:
 - 68% of the creep-fed pigs became eaters versus 28% of the pigs fed only a sow's milk diet.
 - Eaters during the pre-weaning phase gained 6.2% better and had greater average daily feed intake post-weaning than non-eaters.²

Feeding directions: Start creep feeding 3-5 days prior to weaning at a rate of 1.5 to 2.5 pounds of dry feed per day per litter.



ULTRACARE® PRE-STARTER FEEDS NEW FORMULATION

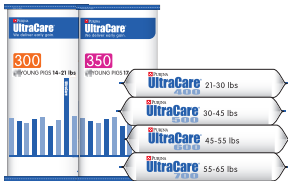
Victory at weaning

Highly palatable formula is designed to support the immune system and digestion, as well as minimize stress. Products contain unique flavor-enhancing ingredients to encourage aggressive eating.

The UltraCare® line you already trust has been improved in 2015. In research comparing them to pigs fed the previous formulation, research suggests that pigs fed the new UltraCare® formulation:

- **In nursery days 0-14 had:**
 - 24% higher average daily gain³
 - 10% improved feed:gain conversion²
- **In nursery days 0-8 had:**
 - More than 50% increase in average daily feed intake⁴

Feeding directions: Introduce pre-starter feeds post-weaning. UltraCare® Pre-Starter feeds are formulated to meet the nutritional requirements of each production phase from 6 to 17 pounds. Follow UltraCare® Pre-Starter with UltraCare® Starter, which has matching taste and flavor profiles to maintain intake during feed transitions.



ULTRACARE® STARTER FEEDS NEW FORMULATION

Keep the growing going

- Gains in the nursery have been shown to positively impact finishing weights. According to Purina® Animal Nutrition Research, every pound difference at 32 days post-weaning can support a nearly 2.1-pound heavier pig at finishing.⁵ The proven UltraCare® formula was made even better in 2015. As compared to the previous UltraCare® starter feeds, data suggests the new formulation could yield:
 - 2 more pounds at day 26⁶
 - 24% higher average daily gains²
 - 10% improved feed conversion²

Feeding directions: UltraCare® Starter feeds are formulated to meet the nutrient requirements of each production phase from 14 pounds through 65 pounds. Feed UltraCare® starter feeds to maintain intake after providing a strong start with UltraCare® Pre-starter feeds. The similar flavor profiles will help keep pigs eating aggressively during the transition.



LUCRAFIT™ FEED PRODUCTS

Lactose-free nursery diets

- Products contain LucraFit™ Technology, which replaces milk-based ingredients to minimize the impact of volatility in milk prices.
- Pigs fed LucraFit™ products in trials showed no significant difference in average daily gain, average daily feed intake, feed conversion rate or pig weight versus pigs fed diets with lactose in mid-nursery.⁷

Feeding directions:

LucraFit™ LF 320: Complete feed for pigs weighing 17 to 30 pounds

LucraFit™ LF 420: Complete feed for pigs weighing 25 to 40 pounds

LucraFit™ LF 320 Base: Cost-effective base to manufacture LF 320 and LF 420 complete feeds

1. Purina Animal Nutrition Center, PS-846, 847, 849, 850, 864.

2. Lammers, Peter, David Stender and Mark Honeyman. "Nutrition: Sow Feeding." Iowa State University. <http://www.ipic.iastate.edu/publications/350.SowFeeding.pdf>. 30 July 2013.

3. Purina Animal Nutrition Center WF007

4. Purina Animal Nutrition Center PS1035

5. Summation of Purina Animal Nutrition trials: PS1041, PS1035, WF006, WF007, FT142N-15 and PMI Nursery-Grower Transition Pak

6. Commercial Research Facility FT142N-15

7. Purina Animal Nutrition Trials: FT124N-12, FT128N-13, PS 1025, PS 1026, PS 1027+1029



NEWTRASTART™ FEED

Plant-based performance

- Formulated to be fed as an additive through all stages in place of feed-grade growth promotants.
- A study indicated young pigs fed NEWtraStart™ gained 6.2% faster and had 2.6% better feed conversion than those not fed NEWtraStart™.⁸
- In the same study, results indicated finishing pigs were 8 pounds heavier at slaughter and showed 2.4% better feed conversion than those in the control group.⁸



OUTPACE™ FEED TECHNOLOGY

NEW PRODUCT

Promote a stress-free transition to finishing

- Contains extracts and acidifiers to support immune-competence and gut health during the late nursery/early grower period, which often is challenged by transportation, weather and dietary changes.
- In a study comparing pigs fed OutPace™ Feed Technology to those that were not fed OutPace™:
 - Between 30 and 50 pounds, data showed the pigs had 5% higher ADG and 4 points more in feed efficiency.
 - Between 50 and 130 pounds, the data showed pigs had sustained feed efficiency between 2.2 and 2.5 points (until 170 pounds).
 - Between the weights of 90 and 120 pounds, trial results suggested pigs had sustained weight gain difference of 1.7 pounds (until 214 pounds).⁹

Feeding directions: Mix at the rate of 1 pound per ton of complete feed during normal conditions and 1-2 pounds per ton during stressful conditions or in antibiotic-free production.



ECOCARE® FEEDS

Reduce environmental impact

- The first feed designed to help with manure management and odor emissions while optimizing performance in grower/finisher pigs.
- Positively impacts microbial populations in manure and changes the way manure decomposes.

Feeding directions: Consult with your field nutritionist for customized rations. Products may be fed with complete feed, customized premix, premix containing DDGS or premix with Lysine.



AMBITINE™ FEED TECHNOLOGY

NEW PRODUCT

Finish strong

- The late finishing period includes stressors such as heat sensitivity and feeder competition. Ambitine™ contains plant extracts and acidifiers that support gut health and immunity during periods of stress for pigs from 200-220 pounds to market weight.
- In research trials comparing them to pigs fed diets without Ambitine™ Feed Technology, the following data was collected on finisher pigs between 200 pounds and market weight fed Ambitine™ Feed Technology:¹⁰
 - Average gain of more than 3 pounds more than the control group
 - ADG between 3 and 8.9% higher than the control group
 - ADFI between 1 and 5.7% more than the control group
 - Feed:gain between 1.4 and 4.5% better than the control group's

Feeding directions: Mix at the rate of 2 pounds/ton of finished feed for finishing hogs from 200-200 pounds to market weight.

8. Purina Commercial Feed Field Trial (No. FT 110N08), 2008

9. FT140N, FT142N, FT140FA and HF739

10. HF726, HF729, WF001, FT116F-10, FT140F-15



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