Provimi
10 Nutrition Way
Brookville, OH 45309
800.392.8324 • 937.770.2400
www.provimiUS.com
The swine industry has changed a lot in the past decade with amazing improvements in sow productivity and litter size, along with a decrease in the number of truly skilled laborers to take quality care of young pigs.

With wean-to-finish death loss rates reaching as high as 10 percent, there is an increased need for supporting young pig development starting right away at weaning. This is especially true when every one percent mortality costs approximately $1.00 per pig placed.

Nurture™ is a young pig program that adapts to the changing needs of the swine industry.

26 Percent of pigs born do not make it to market

<table>
<thead>
<tr>
<th>Pig survival rate, #</th>
<th>Born Live</th>
<th>Enter Nursery</th>
<th>Enter Finisher</th>
<th>Marketed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mortality</td>
<td>17.6%</td>
<td>4.3%</td>
<td>9.7%</td>
<td>5.2%</td>
</tr>
</tbody>
</table>

Provimi adapted our young pig nutrition program to meet these changing industry dynamics in the form of our Nurture program. Provimi’s goal with our Nurture program is to help you get more live, healthier pigs through the nursery phase, setting them up for success to market.
Right Nutrition at the Right Time

The Nurture™ program is based on findings from Provimi’s research that led to a focus on feeding pigs based on age rather than weight. This allows us to support the unique needs of young pigs by feeding the right nutrients at the right time to combat issues and ensure projected performance.

Digestive Enzyme Development

Tremendous changes occur in a young pig’s digestive capabilities between seven and 35 days of age. During this dynamic period, diets need to be selected to match the pig’s changing needs and to keep costs in balance. Weaning age and weight of the pig influence which diets are optimum after weaning.

Nutrient Sources

Nutrient density and composition are critical during the prestarter phase as daily feed intake is low. Nutrient dense ingredients, such as plasma proteins and lactose, are important to help 14-day to 28-day old pigs make the transition from mother’s milk to dry feed.

Provimi’s Nurture Program Feeding Recommendations

Our Nurture program is designed to fit most needs of normal pig flows. For flows having additional health challenges, the Nurture program offers Nurture Boost. Nurture Boost includes additional technologies to deliver nutrition for young pigs needing extra support. See our recommendations for feeding our Nurture program options below:

Feeding Recommendations for Standard Nurture Products Based-On Age

<table>
<thead>
<tr>
<th>Target Age Ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>nurture NEO</td>
</tr>
<tr>
<td>10 - 16 days</td>
</tr>
<tr>
<td>nurture D17</td>
</tr>
<tr>
<td>16 - 19 days</td>
</tr>
<tr>
<td>nurture D17 EXT</td>
</tr>
<tr>
<td>16 - 19 days</td>
</tr>
<tr>
<td>nurture D21</td>
</tr>
<tr>
<td>19 - 23 days</td>
</tr>
</tbody>
</table>
The Nurture™ Program includes the Latest in Swine Nutrition Technologies

When added in Nurture diets, LipoTec™ and Promote® AOX™ SD have shown to support healthy growth and optimized profitability.

**LipoTec**
LipoTec is a novel fatty acid blend that helps pigs get a better start via two mechanisms:
- LipoTec supports feed intake and maintains fat reserves to help improve energy status
- LipoTec supports health under challenging conditions

**Promote AOX SD**
Promote AOX SD is a blend of plant-based polyphenols carefully chosen to ensure bioavailability and to support antioxidant status.

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**Product Overview**

**Nurture Standard Program**

Nurture is designed to match the nutritional needs of young pigs with highly digestible and palatable ingredients, functional proteins, and Nurture technologies that focus on supporting livability and improving the energy status of young pigs.

- Maintains feed intake and well-being
- Supports healthy stool condition
- Optimizes protein level of the diets while decreasing undigested protein
- Contains polyphenols that support antioxidant status
- Supports beneficial intestinal microflora and intestinal functionality
- Optimizes fiber sources and levels
**Nurture™ Standard Product Offerings**

<table>
<thead>
<tr>
<th>Product</th>
<th>Wean Age, days</th>
<th>Budget, lb/pig</th>
<th>Feeding Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>nurture® NEO</td>
<td>&lt;16</td>
<td>0.5 - 1</td>
<td>Can be fed as a complete diet and as a gruel feed. Gruel feeding is most successful when small amounts are fed multiple times per day.</td>
</tr>
<tr>
<td>nurture® D17</td>
<td>16 - 19</td>
<td>0.5 - 2</td>
<td>Can be fed as a complete diet and as a gruel feed.</td>
</tr>
<tr>
<td>nurture® D17 EXT</td>
<td>16 - 19</td>
<td>5</td>
<td>Can be fed as a complete diet and as a gruel feed. Can be used in place of Nurture D17 and D21 and should be followed immediately by Nurture 1625 after Day 19.</td>
</tr>
<tr>
<td>nurture® D21</td>
<td>19 - 23</td>
<td>4</td>
<td>Can be fed as a complete diet and as a gruel feed.</td>
</tr>
<tr>
<td>nurture® 1625</td>
<td>--</td>
<td>12</td>
<td>Second phase diet following Nurture D17 EXT, Nurture D21 or Nurture Boost PS diet.</td>
</tr>
</tbody>
</table>

**Product Overview**

**Nurture Boost**

Nurture Boost provides additional nutrients and ingredients to support the immune system and gut health in young pigs experiencing health challenges.

- Further support of gut health through enhanced amino acid ratios, phytogenics, functional fibers, and organic acid blends
- Reduced anti-nutritional factors by utilizing easily digested protein sources and reduced levels of SBM
- Additional antioxidant support

**Nurture Boost Product Offerings**

<table>
<thead>
<tr>
<th>Product</th>
<th>Wean Age, days</th>
<th>Budget, lb/pig</th>
<th>Feeding Directions</th>
</tr>
</thead>
<tbody>
<tr>
<td>nurture® Boost Prestarter</td>
<td>16 - 23</td>
<td>5</td>
<td>Complete diet and as a gruel diet for health challenged pigs.</td>
</tr>
<tr>
<td>nurture® Boost Add Pack</td>
<td>--</td>
<td>Variable</td>
<td>Add to Nurture diets for health challenged pigs. Designed to replace 150 pounds soybean meal and 50 pounds of corn.</td>
</tr>
</tbody>
</table>
Swine Production and On-Farm Consulting

Our philosophy around Nurture™ also includes on-farm support and management practices. At Provimi, our team of production support specialists are dedicated to helping customers improve and refine best management practices from the sow farm to the finishing barn.

Our team’s expertise include in-barn environmental management, site monitoring, and assessments to help improve pig comfort, health, and production. Our team also helps to troubleshoot production problems such as high mortality and fallback rates, and low average daily gain (ADG).

Our production support specialists are passionate and effective in bridging the gap between real-time farm observations and business goals. Our team works with farm employees, managers and business owners to provide insights into how what’s happening in the barn is affecting the operation and their bottom line.

Production Management- Sow, Wean-to-Finish, Nursery and Finisher Systems
- Best Management Practices
- Recommendations and Guidelines
- On-Farm Walk-Throughs

Environmental Monitoring and Assessments
- Temperature Curves
- Ventilation Rates
- Controller Settings
- Site Monitoring and Assessments

Training and Education
- New Managers
- Team Training
- Controllers and Ventilation

For more information about our team and the services featured, please reach out to your Provimi swine representative.
Get weaned pigs eating quickly with Piranha Pig

- When Piranha Pig is fed on mats or boards, pigs will quickly and aggressively eat
- Piranha Pig also works excellent mixed with water and fed as a gruel
- Mash form reduces wastage unlike pellets, which roll and bounce off mats or boards

Benefits:
- Encourages early feed intake
- Economic feeding option when compared to prestarter pellets
- Highly palatable and good for the guts of young pigs
- Options included for medication needs

Feeding Directions:
- Feed for up to five days after weaning on mats or boards and in feed trays
- Feed in gruel feeders with water for critical care and starve-out pigs
- Piranha Pig is not to be used as a complete diet, but as a complement to the Nurture program
About Neopigg™
Provimi's Nurture swine program and technologies align with Neopigg, Cargill's global swine nutrition offering.

About Provimi
Provimi is a trusted partner in animal nutrition and technology. Backed by the strength of Cargill, Provimi partners with animal producers and feed manufacturers to provide custom, leading-edge nutrition solutions in the dairy, beef, pork, and poultry industries.

About Cargill Animal Nutrition
Cargill's animal nutrition business has more than 20,000 employees at more than 275 facilities in 40 countries. Fueled by our innovation and research, we offer a range of products and services to feed manufacturers, animal producers, and feed retailers around the world, helping put food on the plates of nearly one billion people around the world every day. Cargill's animal nutrition business offers a range of compound feed, premixes, feed additives, supply chain and risk management solutions, software tools and animal nutrition expertise that is unmatched in the industry. For more information about Cargill Animal Nutrition, visit: http://www.cargill.com/feed

Contact your local Provimi swine representative to learn more about our Nurture program.

www.provimiUS.com | +1 (800) 257-3788 • 937.770.2400