

A close-up, low-angle shot of a pink pig with large ears, looking directly at the camera while eating a piece of green grass. The pig is standing in dark, muddy soil. In the background, there is a grassy field with some trees and a blue sky with scattered white clouds.

# NATURAL-PORK

## SWINE FEEDING PROGRAM

**PHENIX**  
FEEDS & NUTRITION



# NATURAL COMPLETE SWINE FEEDS



## Natural Complete Sow Feeds

- Natural Sow Gestation

Feed to desired body condition. Generally (4-6 lb) per gestating sow per day.

- Natural Sow Lactation

Feed 2-8 lb day of farrowing to day 3 and increase to ad-lib (10-18lb) day 4 to weaning.



## Phoenix Natural Pork G/F 50-40 Grow Finish

A base mix combined with grain and soybean meal to make diets for pigs weighing more than 40 lb.



## Phoenix Natural Sow Base 100

A base mix combined with grain and soybean meal to make diets for developing gilts, sows and boars. Base mix includes Cinergy, which has antibacterial properties. Pathogenic bacterial growth may be reduced in the sow, and thus her piglets would be exposed to fewer pathogens excreted in her feces. Studies have shown that feeding essential oils to lactating sows can increase litter growth rate resulting in heavier pigs at weaning. Field trials in commercial farms have suggested reduced sow mortality and improved reproductive performance of sows fed essential oils during the pre-farrowing and lactation periods.

Thus, the application of essential oil-based products in the pre-farrowing and lactation periods has been demonstrated to improve both sow and litter performance.

## IGP 5/10



IGP 5/10 is a blend of B-vitamins, yeast culture and preservatives in a natural carrier. Akey recommends the use of IGP 5/10 in all-natural starter and grow-finish diets.

- IGP 5/10 is included in Purely Natural Starter Premix (see above) Recommended feeding rate:

*Starter diets fed to 50 lbs body wt - 10 lbs per ton if not using Purely Natural Starter Premix*

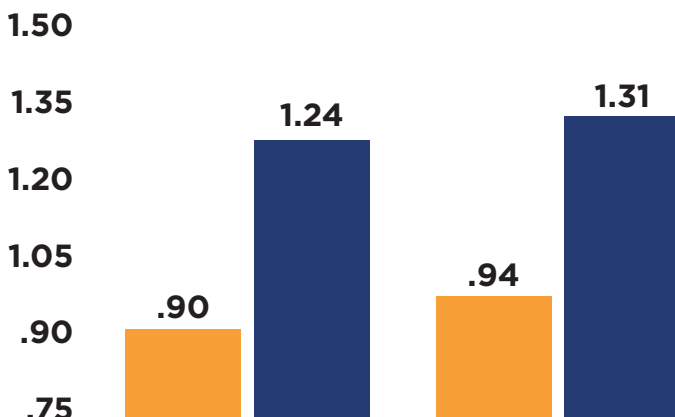
*Grow-Finish diets (50 lbs to market wt) - 5 lbs per ton*



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# ADG (LB) AND ADFI (LB) - OVERALL



## Cinergy (blends of essential oils)

- Cinergy is a select blend of essential oils, researched by Provimi, that have antibacterial properties, stimulate feed intake and improve gut microflora in pigs fed antibiotic-free diets.
- Cinergy Piglet is added to nursery diets at the rate of 0.8 lb per ton

- Cinergy is added to prefarrowing and lactation diets at a rate of 0.6 lb per ton to improve piglet growth rate and for an immunostimulatory effect.

- Cinergy Mature is added at the rate of 0.5 lb per ton in grow-finish diets.



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# THE ALL-NATURAL FEEDING METHOD...



**There are numerous reasons for the growing interest in producing natural pork for the changing consumer market. All-natural pork production offers rewarding marketing opportunities for the end product, however it presents certain production challenges to the producer.**



Provimi North America provides Phoenix Feeds & Nutrition with specific formulations so that they can make all-natural complete feeds and supplements for use on individual farms. They can

also provide producers that have on-farm feed mixing equipment with the Natural-Pork nutritional products. Provimi North America, a nutritional services company with a reputation of leadership in swine nutrition, has developed a feeding program to assist farmers in optimizing



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performance while working in harmony with the all-natural production restrictions that limit the use of antibiotics and certain feed ingredients.

Provimi is in a unique position to understand and develop programs for natural production. Provimi has a very strong swine research program in the USA and Europe and operates 13 animal nutrition research centers around the world. Provimi's R&D centers in Europe have been very active in finding ways for

swine producers in the European community to cope successfully with their restrictions on both antibiotics and animal proteins.

Provimi's research program in the United States also has been very active in developing technology to enhance pig performance without relying on the use of antibiotics. The resulting knowledge gained over the years by Provimi scientists has been incorporated into the new Phoenix Feeds & Nutrition's Natural-Pork Feeding Program.

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# NATURAL-PORK SWINE FEEDING PROGRAM

## Does NOT Contain



**Antibiotics**



**Animal Proteins**



**Animal Fats**

## Does Contain



**Milk Proteins** to optimize protein quality and essential amino acid concentration



**Vegetable Oils** high-energy ingredients to help animals meet their caloric requirements



**Phytase Enzyme** this is an environmentally friendly enzyme that improves digestibility of phosphorus in grain, thus less phosphorus is excreted on the land



**Amino Acids** their inclusion reduces the need for excessive crude protein levels. This reduces nitrogen excretion and ammonia levels in manure and environment



**Direct Fed Microbial** Improves pathogen control

- BioPlus 2B is a natural and economic tool to improve ADG in weaning pigs and reduce preweaning mortality

- Increases nutrient digestibility



**Natural Feed Additives** that enhance animal performance naturally





# RESEARCH BASED

Provimi has been conducting an intensive swine research program in the United States and Europe to find how to optimize the use of traditional feed ingredients, amino acids, enzymes, direct fed microbials, essential oils and other non-traditional feed additives to improve pig performance. Many of the research findings have been applied to natural and non-antibiotic feeding programs that allow producers using the Phoenix Feeds Natural-Pork feeding programs to achieve high animal performance with minimal cost.



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P.O. Box 36 | 5482 Ethan Allen Hwy | New Haven, VT 05472  
(802) 453-6684 |  
[info@phoenixfeeds.net](mailto:info@phoenixfeeds.net)  
[PhoenixFeeds.net](http://PhoenixFeeds.net)