



PORK BRIEFS

THE LATEST INFORMATION ON SWINE NUTRITION



Feed Fat to Deal with Summer Heat

By: Ken Palen

What a great summer to boost the energy in your swine diets. High productivity and high prices mean tighter space in the barns. With summer heat coming this can be a real negative for growth. Properly balanced high lean diets can help keep the hogs growing by condensing the energy in every mouthful of feed. Fat also helps to add flavour to the ration. Like people who like gravy on their potatoes, pigs like a little gravy on their corn and soya meal, especially when it is hot. Not only do you add extra energy but also encourage a more consistent feed intake by adding fat into grower finisher diets, which will get them to market faster while prices are hot and the weather is hot.

Table I. How much fat to add

How Much Fat to Add Kg/Tonne of Ration			
Starter Feeds	30 kg Younger	↔	Older 40 kg
Grower Feeds	40 kg Younger	↔	Older 15 kg

Table I. above shows the level of added fat suggested from younger to older pigs in both the starter and the grower finisher pigs. The protein (amino acid) level of the diet must be balanced to the energy level of the diet to get the maximum benefit of feeding fat. Adding 5 kg of soya meal with every 10 kg added fat will be a good starting point for balancing the diet until your nutritionist can check everything over.



Sows can also benefit from added fat especially during hot weather. The thermal comfort range or zone for a sow is 18°C to 25°C (65°F to 78°F) and her piglets 30°C to 33°C (86°F to 92°F) when the temperature goes above this range a decrease in feed intake can occur, Table II shows the effect.

cont.>>

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BENEFITS OF FEEDING LACTA-FAT®

Lacta-Fat® liquid fat has been shown to help provide many nutritional benefits to animals, along with many handling and economic benefits to the producer, here are just a few:

- Increased energy density of sow colostrum and milk
- Greater sow milk yield
- Less weaning shock
- Improved feed conversion
- Improved rate of gain
- Consistent high quality formulation
- Helps produce excellent meat quality
- Improved feed texture and freshness
- Reduces dust levels in the barn

**For more information talk to
your Kenpal Sales Rep!**

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Table II		
	Air Temperature	
(°F)	75	90
(°C)	24	32
Respiration Rate (breaths/minute)	25.8	57.8
Body Temperature (degrees F)	101.8	102.6
Adapted from C. Liao & T.L. Veum, 1994 J. Anim. Sci. 72: 2369-2377		

If feed intake decreases milk intake can decrease resulting in lower weaning weights. Adding fat increases the energy density of the diet and also improves palatability of the rations by adding some gravy to the corn and soya meal.

Increasing the energy in sow diets may also result in other potential benefits:

- Increase the energy density of the sow's colostrum by increasing the milks fat content if fed to sows a week or so before farrowing.
- Reduce body weight loss in the farrowing pen.
- Decrease the interval between weaning and rebreeding, helping to increase litters/sow/year.

Planning for summertime feeding is important every year, but this year for sure, we don't want pigs backing up in the barns. Extra piglets produced and/or heavier piglets weaned are great goals. Good luck with planting and be safe out there. Thank you.

COME VISIT THE KENPAL & STARTline® BOOTH



**WORLD PORK EXPO
JUNE 4-6, 2014
BOOTH 525 VIB
(Varied Industries Building)**



**ONTARIO PORK CONGRESS
JUNE 18-19, 2014
BOOTH B27, B37 & B38
(Community Centre)**



HYGIENIC DRYING POWDER FOR ALL STAGES OF PORK PRODUCTION

Dr. Dale says, "Nothing compares to drySTART® - it helps cut down on scours when pigs are first born, on viruses in farrowing crates and helps save PEDv infected pigs!"



Dr. Dale Hendrickson owns and operates Four Star Veterinarian Services Stoney Creek Office in Farmland, Indiana. Four Star Veterinarian Services offers swine exclusive veterinary services with locations in Indiana, Michigan, Ohio and Pennsylvania, along with a new office venture in China.

Dr. Dale heard about drySTART® drying powder for swine facilities from Kenpal Farm Products in Centralia, Ontario, Canada. drySTART® can be used in all stages of pork production from farrowing and nursery barns right through to finishing.

Dr. Dale had used other drying agents before but nothing compared to drySTART®. He decided to handle the product himself for distribution and has been getting it by semi loads for the last four years.

Here is what Dr. Dale had to say about some of the benefits he finds when using drySTART®: "I find that it cuts down on scours when pigs are first born. I also like its antibacterial properties; it helps cut down on viruses in the farrowing crates."

Most recently he has used drySTART® on Porcine Epidemic Diarrhea virus (PEDv) infected herds. Dr. Dale says, "We cover the floor, the mats and the pigs; anything we can get it to stick to. I feel that it has helped save pigs, not everything is dying in the final stages; I use a lot of it here in the final stages."

Dr. Dale adds, "drySTART® is reasonably priced and it is as good as or better than any other drying agent in the USA."



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the **START** **line**®



***A BLEND OF AMINO ACIDS AND VITAMINS
DEVELOPED TO HELP IMPROVE CARCASS
QUALITY AND HELP MAINTAIN INDEX IN HOGS
THAT ARE MARKETING AT HEAVIER WEIGHTS.***



Ken and Marylynn Van Asseldonk
Salview Farm
Salford, Ontario

Ken and Marylynn Van Asseldonk own and operate Salview Farm, a swine farm in Salford, Ontario. They heard about leanSTART® Vitamin Micro Premix for Swine Feeds from their Kenpal Sales Rep.

They started feeding leanSTART® in February 2013 and soon saw great results. They found an 8% increase in muscle, plus a \$3.00 increased premium! With an average live weight of 270 lbs. Ken says, "We like the results we are getting with leanSTART®, it is well worth the investment!"

After their initial trial with leanSTART®, they also started to feed it in the last stage of grower, Ken and Marylynn look forward to seeing continual improvements while using leanSTART®.

***leanSTART® is NOT a drug,
so no withdrawal time is required.***

WE APPRECIATE YOUR BUSINESS

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