



Professional Nutrition & Management Services

HOG-UPDATE

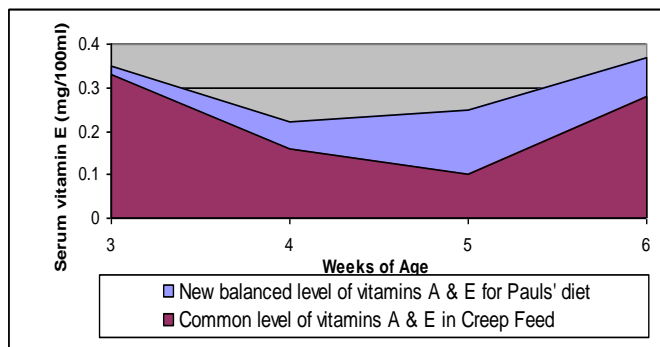
VOLUME 18
Issue 3
June 2006

By Peter Vingerhoeds

BSC is now in its 16th year and we thought it would be good to review the innovations brought to the market during that time.

Our Merit Line of products brought out in the early 90's included proteinated minerals for greater absorption and efficiency with less antagonism. Merit premixes also included vitamins proportioned for greater response in terms of animal health and growth taking into account the relationships between Vitamin A, Vitamin E and B complex vitamins.

Effect of Dietary Level of Vitamin A & E on Vitamin E status found in Piglet Serum

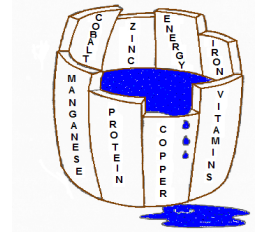


Source: Terry Sugg

Target premixes developed in the mid 90's included our trademark BioNP. Building on the Merit line success we targeted optimal growth, feed conversion and health. By including our BioNPTM innovative technology we were able to lower the amount of phosphorus intake and excretion while improving animal performance and comfort with reduction in ammonia.

The Nature of Mineral Nutrition – Utilization Process

- Maintenance
- Growth
- Lactation
- Reproduction
- Health



Our GD “Gut Developer” program was designed in the late 90's for early maturation of the gut, allowing the producer to quickly use cost effective corn and SBM rations, proved revolutionary. This enabled producers to automate nursery feeding with simple step feeding creating exceptional results.

Since 2000 we have added our CAP line as an excellent source of fiber for sows and growing pigs. The high water holding capacity of the fiber source allows for better intake during lactation and helps facilitate passage of manure. Palatability is increased allowing for full genetic potential to be realized.

Our ISS line of premixes was introduced in 2005. ISS for Immune System Support was formulated to have high levels of antioxidant vitamins and minerals to help when pigs are mounting an immune response. The ideal is to help lessen the time and duration of viremia. This line of premix also helps in the presence of toxins by reducing their effects on immune system interference. By providing animals with good, solid and balanced nutrition your chance of success is greatly increased. ISS formulas are available in prestarter, starter and grower formulas. Adding spice to these formulas supplies essential oils which also help maintain appetite and help control secondary gut flora for a quicker response.

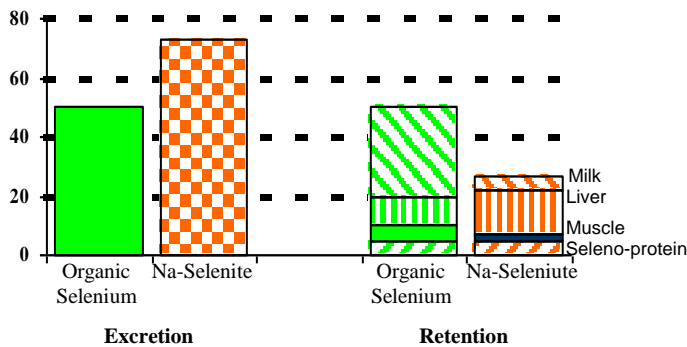
Spice Effect on Intake

Measures	Control	Spice	
Piglets, n	70	70	
Initial weight, kg	8.9	8.9	
final weight, kg	22.4	24.5	
Weight gain, kg	13.5	15.6*	
Rearing period, days	35	35	
ADG, kg/day	0.386	.446*	+15%
Total feed intake, kg	22.8	26.8	+17%
FCR	1.69	1.72	
Mortality, %	5.70	2.90	

Also in 2005 we developed our first line of premixes approved for use in organic production. These have been certified by OCPP/Pro-Cert Canada Inc.

Other innovations over the years have included amino acid use, which have been included in all our swine premixes, except for some dry sow premixes, since our inception. Hyper immunized egg proteins have been included since we had our first cases of K88 e-coli challenges and continue to be very important in early starter nutrition. We continue to work with various proven probiotics and have had many programs antibiotic free. We also continue to use enzymes to improve health and performance, while continually monitoring overall feed costs to ensure competitiveness. Over the past few years we have also expanded our presence into the dairy, beef and poultry sectors.

Distribution of Se in Adult Female Animals



Source: Mahan, 1999

Along with these exceptional programs developed over the last 16 years, we have a committed staff of exceptional professionals waiting to serve your needs. For more information on any of our programs call 1-800-268-PRMX (7769) or feel free to see us at the Pork Congress where we will look into how BSC can help you Profit in Pork Production!

NOTE TO CUSTOMERS:

BSC Animal Nutrition INC. would be pleased to provide you with one (1) free admission ticket to the 2006 Pork Congress being held on June 21st and 22nd in Stratford.

To reserve your ticket please call us toll free at 1-800-268-7769 by June 9th.

The theme of our booth this year is "Profitable Pork Production".

We will again be located at #173 & #174 in the Blue Building. We look forward to seeing you there.

ANNOUNCING...



BSC Animal Nutrition Inc. is please to welcome Colin Pool as their new Ruminant Sales representative.

Colin joins us with over 20 years of experience in the dairy industry including 10 years of managing the Ridgetown College dairy herd. He has also worked as an agriculture equipment sales representative and is committed to the community with 25 years of 4-H service.

He currently resides in Ridgetown with his wife Margaret and their 5 children.

Colin's primary focus at BSC will be on improving profitability and livestock health for Dairy and Beef Producers.

Please contact Colin if you would like more information about our Dairy or Beef Program and Management Services.

HOG UPDATE is published in the interest of helping hog producers become more profitable. We welcome your comments.

BSC Animal Nutrition Inc.
R.R. # 4, St. Marys, Ont. N4X 1C7
Toll Free: 1-800-268-7769
Telephone: 519-349-2190
Fax: 519-349-2191
E-mail: bsc@cyg.net

BSC Representatives

Peter Vingerhoeds 229-8810
(e-mail: vingerhoeds@cyg.net)

Perth, Wellington, Waterloo
Stuart Boshell 949-0149

Lambton, Middlesex
Ben Dekker 899-4769
Fax 899-2327

Oxford, Kent, Elgin
Jamie Kuyt 269-3319

Huron
Guy Morden 949-3323

Dairy
Colin Pool 674-2159
Fax 674-2553

