

VIV ASIA 2017

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INTERNATIONAL PLATFORM
FROM FEED TO FOOD

What solutions enhance the health of weaner pigs?

VIV Master Class Vietnam

Mr. Nguyen Cong Chuong- Technical & Quality Manager from De Heus LLC Vietnam

WWW.VIV.NET



What solutions enhance the health of weaner pigs?

Mr. Nguyen Cong Chuong

Technical & Quality Manager from De Heus LLC Vietnam



*Chúng ta
cùng tiến
về phía
trước!*



de heus^{nl}

powering progress

Mr. Nguyen Cong Chuong

Quality and Technical Manager



*We are
moving
forward!*

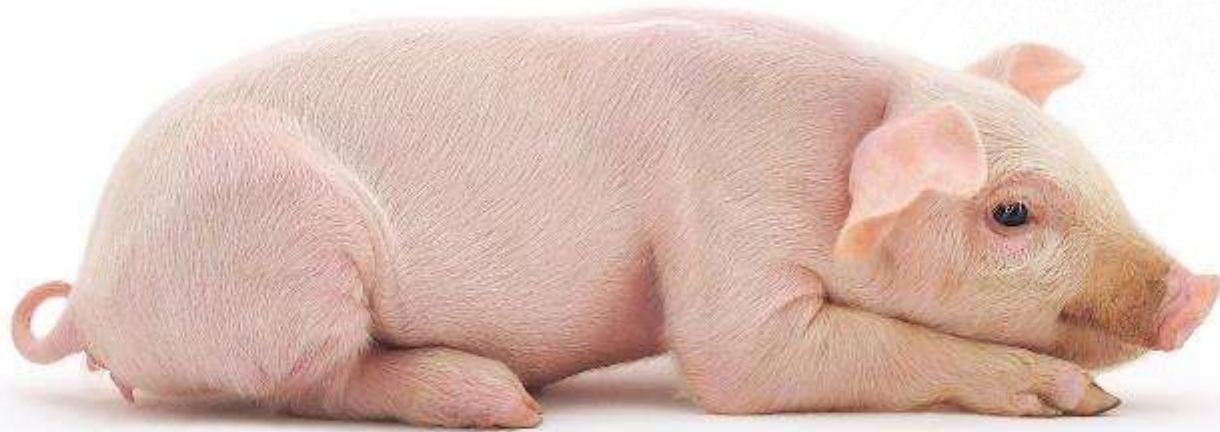


de heus^{nl}

powering progress

Romelko[®] Blue

Excellent creep feed



*Changes
around
weaning*





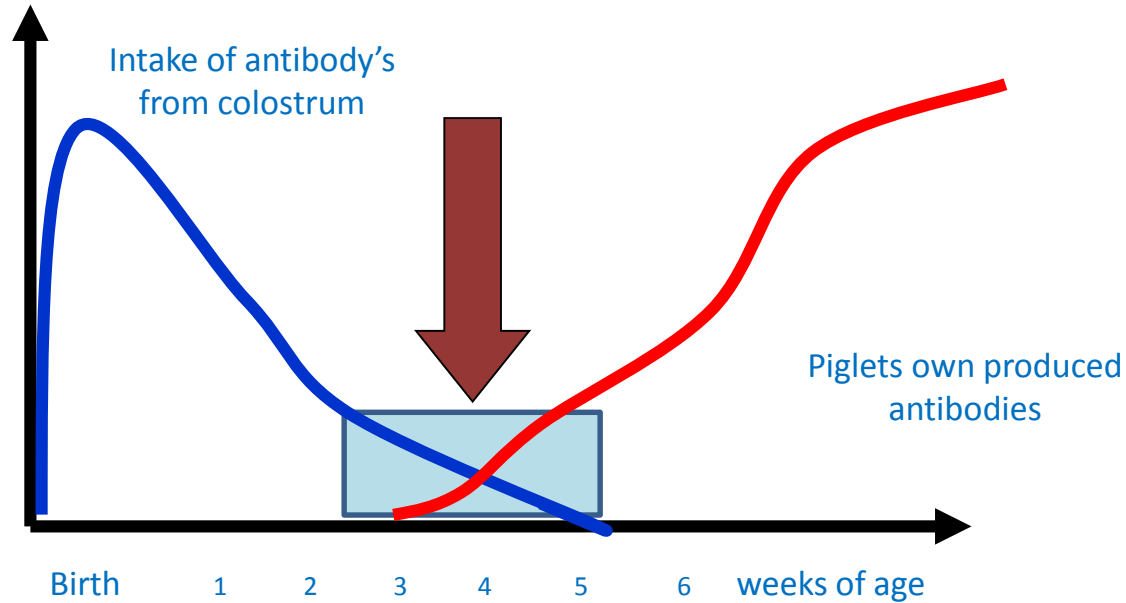
Weaning time – Difficult time

- Stress because of grouping, housing and separation from mother
- No longer under protection of mother
- Drastic change of diet (from sow milk to dry feed)
- Changes in intestinal flora
- Reduction in feed intake



Weaning time – difficult time

Protective antibody (Immunoglobulin)

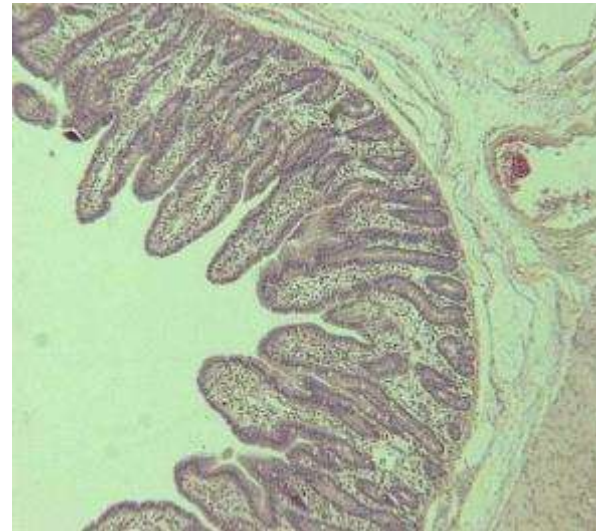
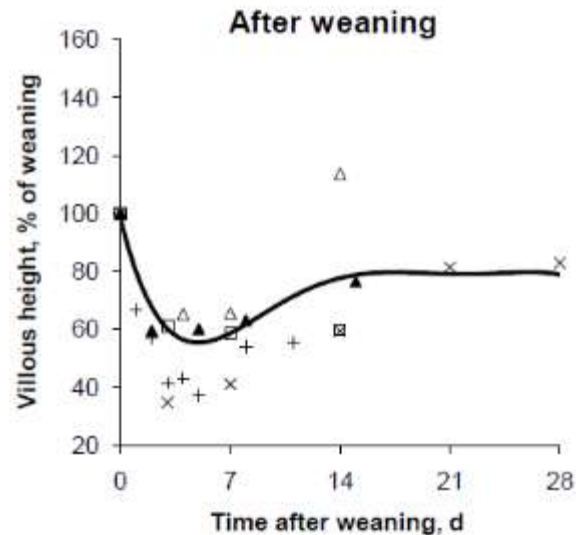


Total independence from their mother

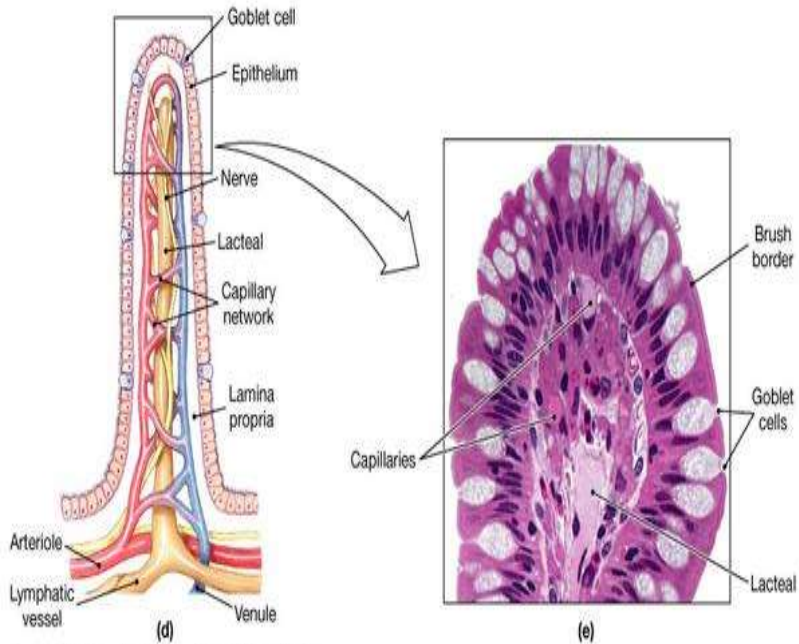


Changes in intestinal villi

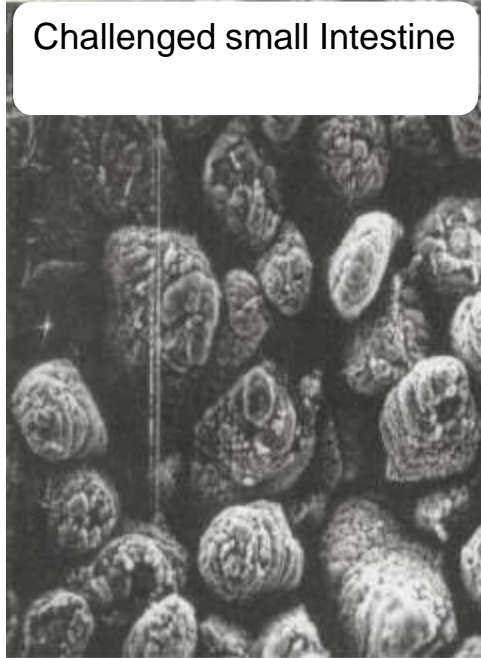
- Loss of gut quality > 40 %
- Nutrition to support intestinal functions of piglets and to manage the feed intake levels in the rearing period
- Pathogens: E.coli và Streptococcus suis



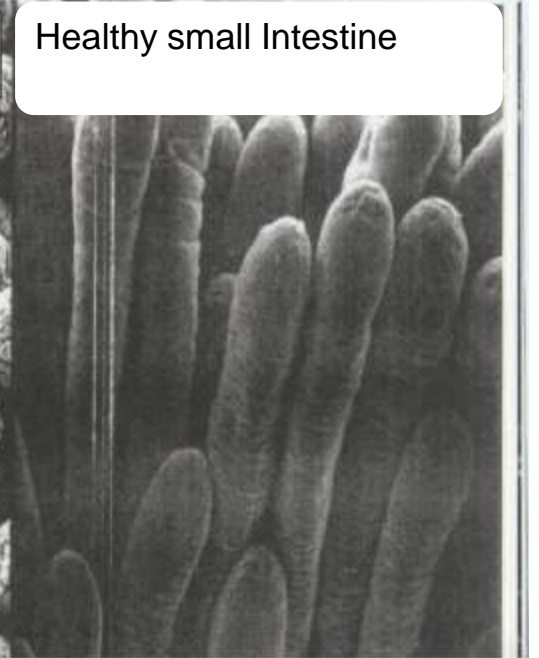
Feed intake keeps Villi healthier



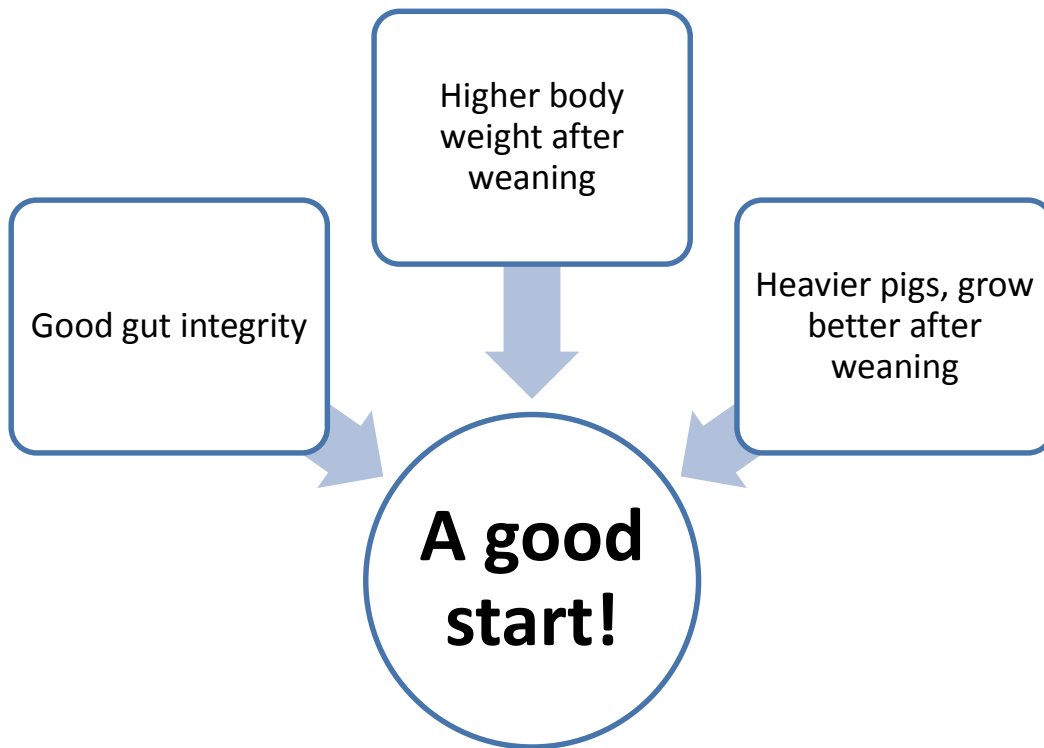
Challenged small Intestine



Healthy small Intestine



Importance of feed intake before weaning





Importance of weaning weight

Weight		Heavy	Average	Light
Weaning weight	Kg	9.3	7.9	6.7
Feed intake (gram/day)	0-14 ngày	190	185	168
	14-34 ngày	749	679	628
	0-35 ngày	535	486	452
Growth (gram/day)	0-14 ngày	121	117	122
	14-34 ngày	484	446	407
	0-35 ngày	345	320	298

Source: Bruininx, 2001

Higher feed intake, heavier weaning weight



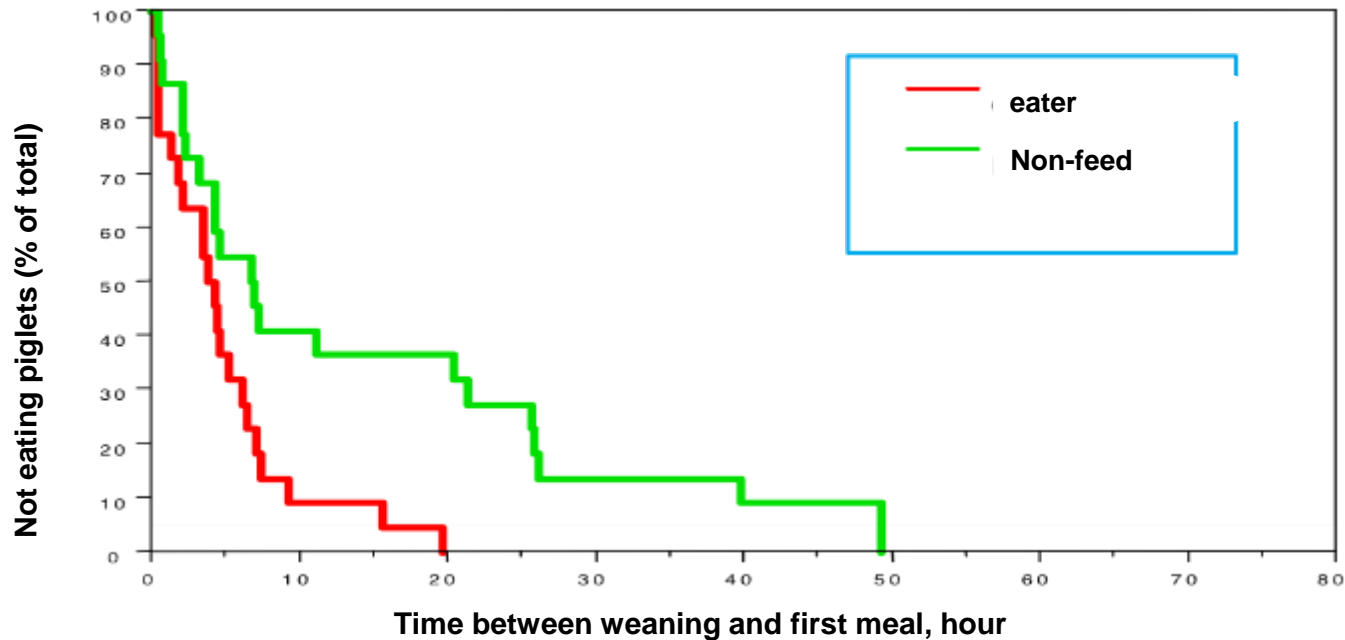


Importance of feed intake before weaning

- Good gut integrity
- Higher body weight at weaning
- Heavier pigs grow better after weaning
- Intake first week after weaning is very important for the intake and grow in rearing period
- 8-25kg live weight

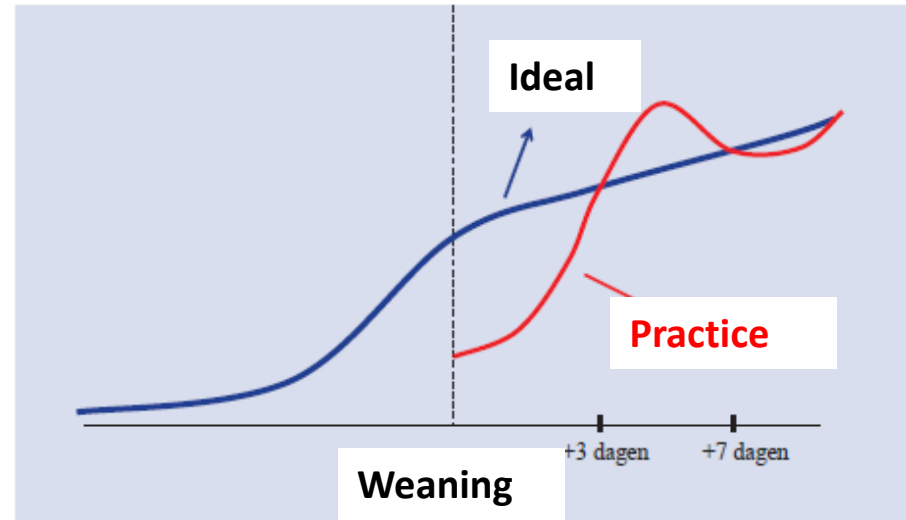


Earlier feed intake before weaning stimulates feed intake after weaning



Feed and gut integrity in Vietnam

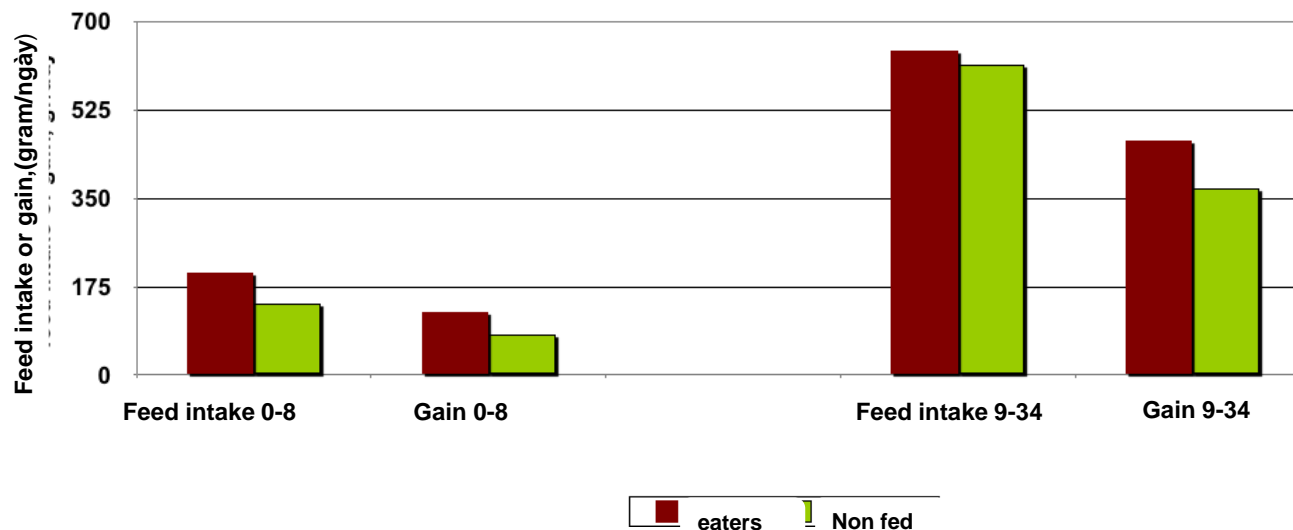
- Feed intake when weaning*





Feed intake before weaning

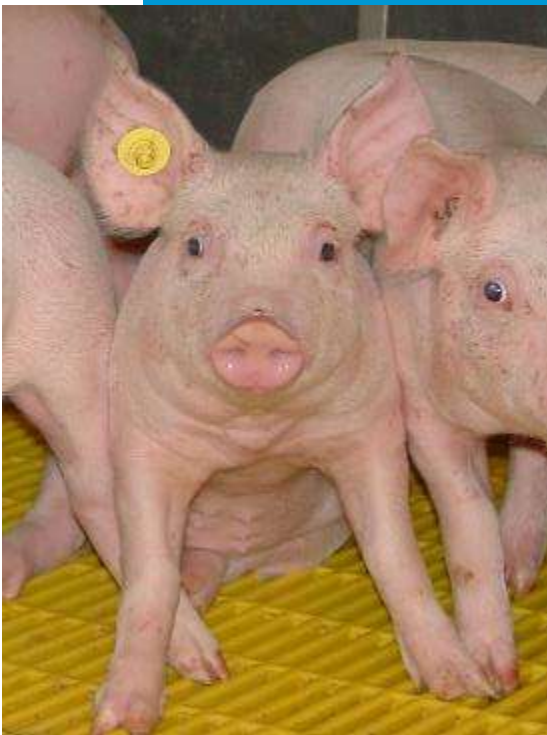
Effect of feed intake and gain weight after weaning



(Bruininx et. al , 2001)

Windmill is a trademark of De Heus Group





Weaning period is the most difficult stage in their lives



*How to
minimise and
help weaner
pigs overcome
this difficult
stage?*

Romelko® Blue

***helps piglets overcome
weaning stage easier!!!***

Romelko® Blue

- Imported from Holland
- Produced at Andel factory, which is the dedicated factory for piglets feed
- Unique formula of De Heus
- No additives – natural stimulation digestion





Easily digestible energy source

Pellet form 2mm

Nice pellet, texture & soft

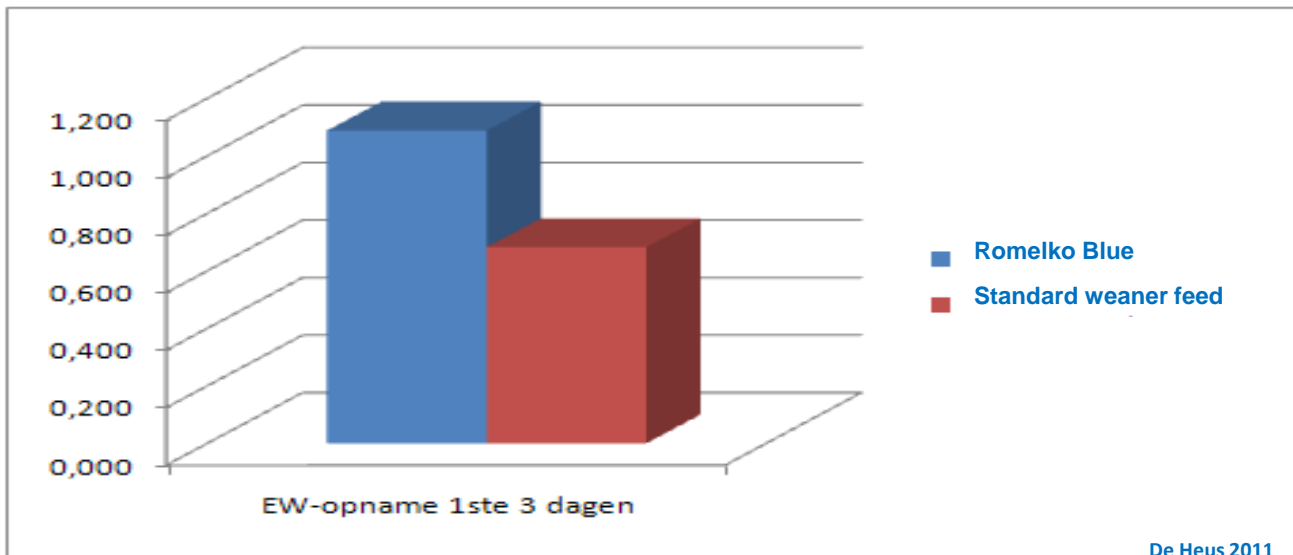
palatable

Pellet durability

Hoofdstuk



Romelko® Blue Vs Standard weaner feed



Light digestable Romelko® Blue increases feed intake

Better condition intestine after weaning with Romelko® Blue





Effect in using Romelko® Blue from 5 days after birth

Effect of pre-starter supply and weaning weight upon the post-weaning

Trial De Heus.

	Without creep feed	With creep feed
Weight on day 1(kg)	1,63	1,68
Weight at weaning (day 20) (kg)	6,67	7,44
Weight 4 weeks after weaning (kg)	18,68	20,77





Cách sử dụng Romelko® Blue

- Use *Romelko® Blue* till 3 days before weaning, gradually change to creep feed.
- Supply minimum 500gr/piglet
- Each day twice for fresh feed at least



Feeding Romelko® Blue in practice



For piglet from 5 days of age till 3 days before weaning

- Advice is to supply minimum **500 grams/piglet** before weaning
- Each day fresh feed, preferably more times per day a small fresh portion
- Feed to the need; in the optimal situation there are no or hardly any leftovers
- Leftovers should be given to the sow before fresh feed is supplied
- Romelko® Blue bags should be stored in a cool and dry place, outside the pig pen (it has to remain tasty and good smell, so keep it away from the pigs themselves)



Attention:



- Use good feeders maximum 7cm and light color
- Feed minimum 02 times a day and always fresh
- Ensure total feed intake in this period minimum 500 gram/piglet
- If feeding them over than 500gr, also not generate a positive results due to energy saturation

Note: ***Romelko® Blue is also excellent to recover piglets in bad condition after weaning***





Ideal feeder for piglet

- Bright color
- Round shape!!
- Average height 8 cm



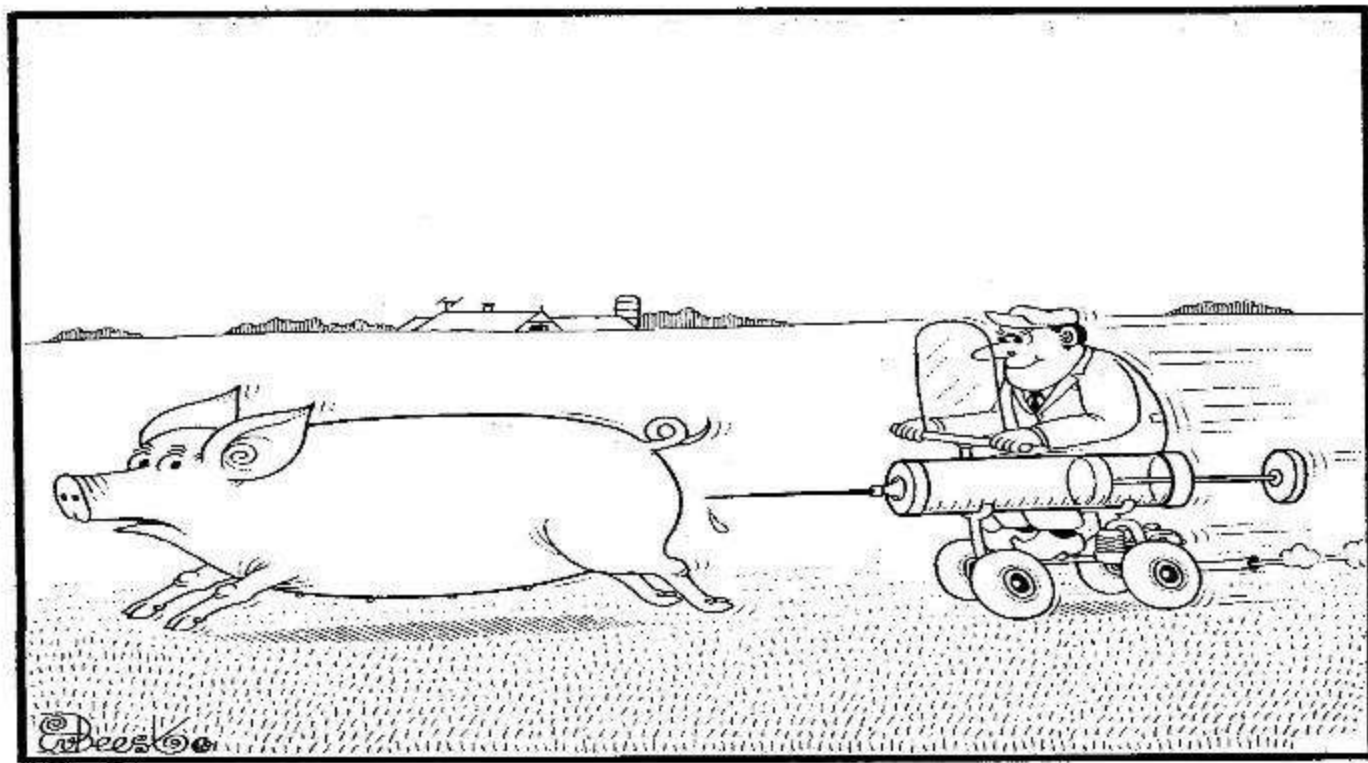
**Take home
message**



Feeder positioning









Taking care and preventing several diseases upon lactating stage



de heus 



powering progress

Thank you for your attention