

Table 1: Commercial Study 1 and Study 2

	Study 1	Study 2
Pig Number	420	560
Weaning Weight, kg	6.4	5.1
Weaning Age, day	23	21
Study duration, day	28	28
Treatment Diets	1	2
+ VE Control ¹	Complex	Complex
- VE Control ²	Simple	Simple
Treatment 1	Simple + BEC Piglet Buddy®	Simple + BEC Piglet Buddy®
Treatment 2		Complex + BEC Piglet Buddy®

- 1 Complex diet included spray dried plasma protein, fish meal products and dietary acids.
- 2 Simple low cost diet without the added technologies of the complex diet
- 3 All diets had medications via water

Save
\$200
/tonne



BEC PIGLET BUDDY®

Addition of BEC Piglet Buddy® to a low cost weaner diet can save producers up to \$200 per tonne of feed without losing performance in the nursery. BEC Piglet Buddy® is a novel premix developed from Pork CRC funded research and marketed by BEC Feed Solutions.

NOVEL PREMIX BASED ON TASTE PREFERENCES OF PIGLETS

Weaner pig diets are formulated to be highly digestible and very palatable to ensure high feed intakes and excellent growth rates. Traditionally the inclusion of high cost ingredients are required to promote post weaning performances. The Pork CRC in conjunction with the University of Queensland (UQ) have developed a novel premix that when added to a simplified weaner pig diet improves feed intake, feed efficiency (FE) and growth.

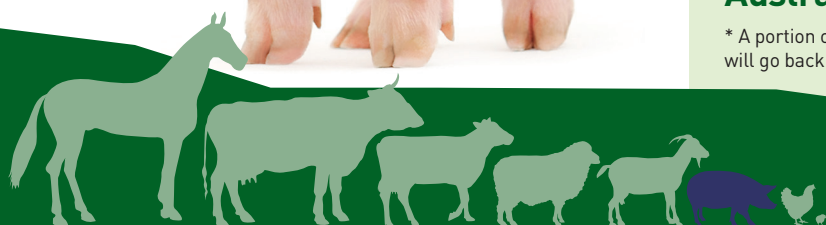
UQ research tested piglet taste preferences toward a number of flavour and taste compounds and then optimised combinations of these ingredients to produce the novel premix BEC Piglet Buddy®.

COMMERCIAL STUDIES

Two commercial studies were conducted at Sunpork Westbrook facility. The studies compared a simple low cost diet with the addition of BEC Piglet Buddy® with a more complex commercial weaner diet. Study 2 included the additional treatment of BEC Piglet Buddy to the complex diet (see Table 1).

BEC Piglet Buddy® developed by Pork CRC funded research for the Australian pig industry*

* A portion of the profits from the sale of BEC Piglet Buddy® will go back into future pig research.



WEIGHT, KG

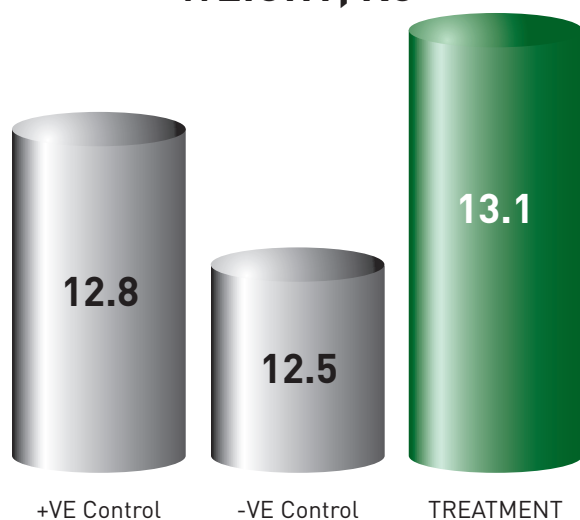


Fig 1. Weight after 28 days, (P = 0.07)

FEED INTAKE, Kg / Day

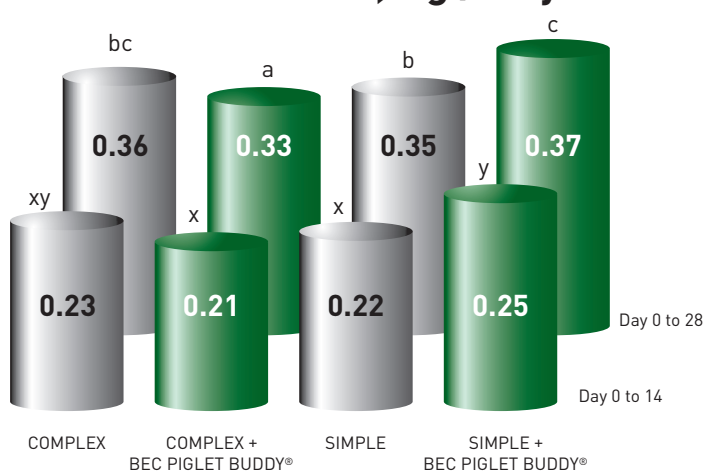


Fig 2. Feed Intake from Day 0 to 14 and Day 0 to 28.

abc Means with different superscripts differ significantly ($P < 0.05$)
 xy Means with different superscripts differ significantly ($P < 0.1$)

BEC PIGLET BUDDY® IMPROVES INTAKE

In Study 1 the pigs fed the low cost diet with BEC Piglet Buddy® were 600g heavier at the end ($P=0.07$, see Fig 1) and had a 7.5% ($P=0.002$) improvement in feed efficiency when compared to the positive control. Study 2 involved lighter weaned piglets (5.1 kg). The addition of BEC Piglet Buddy® to the low cost diet produced similar growth and feed efficiency performances as the piglets fed the complex diet. Study 2 also showed increase in feed intake within the first 14 days ($P=0.094$) and significant increase for the entire 28 days ($P=0.017$), indicating a taste preference towards BEC Piglet Buddy® (see Fig 2).

COST SAVINGS OF UP TO \$200

Weaning is a critical phase in pig production. Adequate feed intake post weaning can prevent traditional growth checks. The novel premix, BEC Piglet Buddy has shown to have significant positive impact during this period. In commercial pig production, there are opportunities to reduce feed cost up to \$200* per tonne, without losing performance at the weaner stage.



* Calculated on grain costs - Wheat \$290; Maize \$335; Soybean \$650 per tonne.

BEC Piglet Buddy®

- Feed as the first stage weaner diet or up to 28 days
- Inclusion rate 1.5 kg / Tonne of complete feed
- Ask your Nutritionists or BEC representative for diet recommendations when using BEC Piglet Buddy®



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