

SHORT GUIDE TO CARRY OUT A FARM TRIAL

Only 4 measurements - For an easy proof-of-concept on your own farm

Axcelera-P is a new technology that switches on lifetime performance in pigs. It replaces all feed before weaning and works in a totally different way. The accelerator effect becomes measurable by 3-4 weeks after weaning.

What to expect:

- Reduction in pre-weaning mortality
- Significant weight difference 3-4 weeks after weaning due to accelerated growth rate
- No significant difference in weight at weaning
- No significant difference in pre-weaning feed intake

What you will need:

- 1-2 bags of Axcelera-P (approx. 1 bag per 5 litters - 2.5kg/litter)
- Minimum of 5 litters per treatment
- Weighing facility (recommended accuracy 200g)

In a good trial everything is kept the same except for the planned difference (i.e. the different diets offered up to weaning).

Balance Parity and Litters for a Fair Trial

- Differences in the numbers of gilts on each treatment should be avoided.
- At farrowing allocate equal numbers of litters to your standard creep regime and Axcelera-P regime.

FEEDING REGIME

- Introduce Axcelera-P in the farrowing house from 4 days of age.
- Offer to appetite by providing small amounts at least twice a day, more if possible (feed when the sow is fed)
- During the suckling period expect a total intake of up to 200g per piglet. A clean water supply should always be available.
- Weaning at 21 days;

○ In Nursery

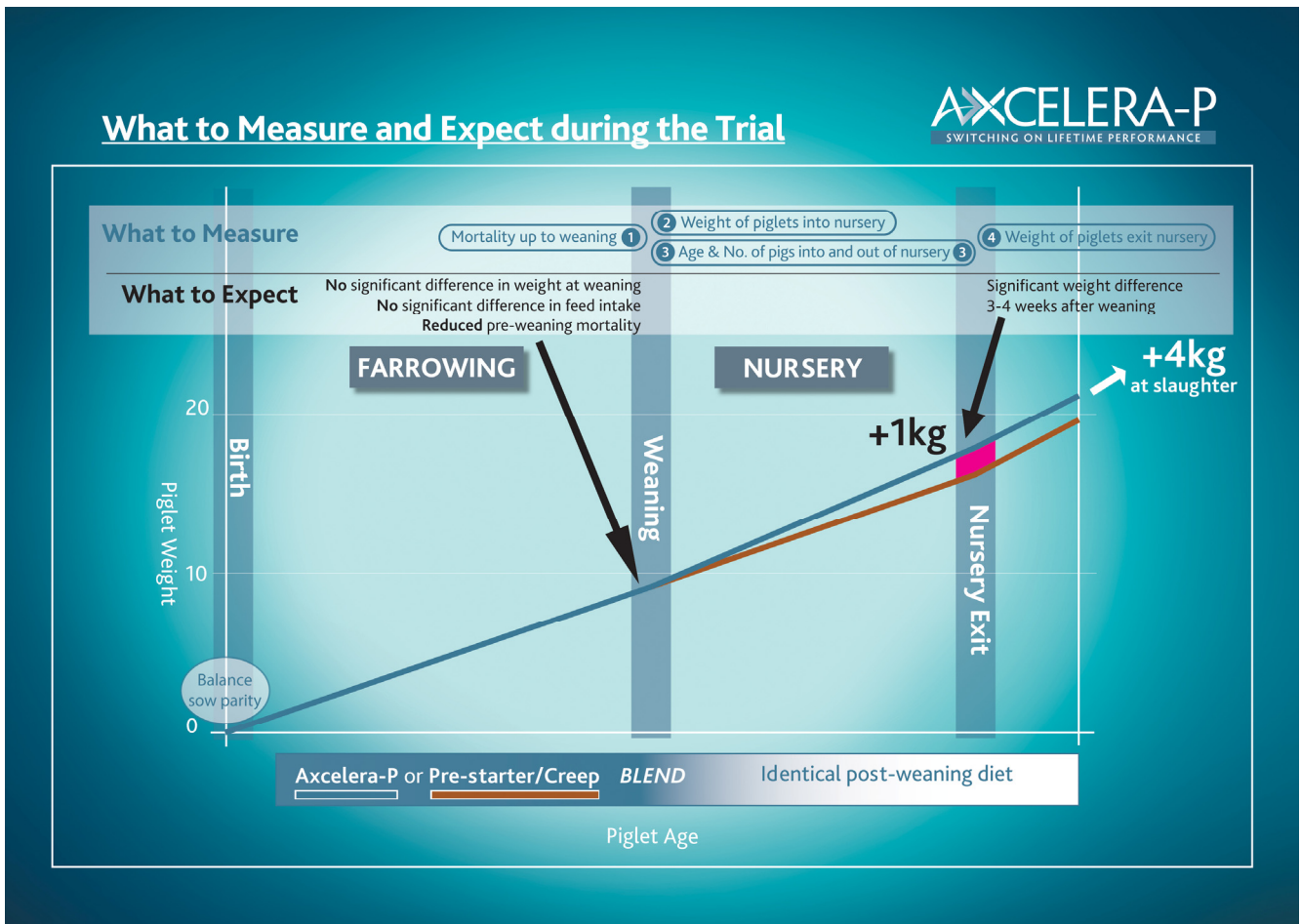
	Axcelera-P	Starter Feed
Weaning Day	100%	0%
Day 22	50%	50%
Day 23	10%	90%
Day 24	10%	90%
Day 25	0%	100%

- Weaning at 28 days;
 - In Farrowing House

	Axcelera-P	Starter Feed
Day 24	100%	0%
Day 25	70%	30%
Day 26	50%	50%
Day 27	30%	70%

CONTROL = Normal regime

- Offer standard creep either from 4 days of age (same as Axcelera-P) or according to normal creep feeding routine for the farm. Record the date when feeding begins.
- Blend onto first stage starter as per usual farm protocol.



1. Record the mortality up to weaning.
2. Record the weight into the nursery

Ideally, Axcelera-P piglets to remain separated from the standard piglets where possible. If this is not an option, mark the piglets clearly (eg ear tags or notch) to indicate the treatment given. Feed all pigs the same post-weaning diet, according to the usual feeding regime.

3. Record the number of pigs in and out of the nursery. Record all deaths and any transfers out (weight estimates and dates may be useful)
4. Record the weight as they exit the nursery (3-4 weeks after weaning).

RESULTS TABLE:		Standard System	Axcelera-P	Difference
1	TOTAL NUMBER OF DEATHS UP TO WEANING			
CALC	PRE-WEANING MORTALITY % = (NO. OF DEATHS ÷ NO. OF PIGLETS AT START) X 100			
2	TOTAL WEIGHT OF WEANED PIGLETS INTO NURSERY (KG)			
3A	TOTAL NUMBER OF PIGLETS INTO NURSERY			
3B	TOTAL NUMBER OF PIGLETS AT TRIAL END			
3C	TOTAL NUMBER OF DEATHS / TRANSFERS OUT			
CALC	AVERAGE PIGLET WEIGHT OF WEANED PIGLETS INTO NURSERY (KG) = TOTAL PIGLET WEIGHT ÷ NO. OF PIGLETS			
CALC	POST-WEANING MORTALITY (%) = (NO. OF DEATHS ÷ NO. OF PIGLETS INTO NURSERY) X 100			
4	TOTAL PIGLET WEIGHT AT TRIAL END (KG)			
CALC	AVERAGE PIGLET WEIGHT AT TRIAL END (KG) = TOTAL PIGLET WEIGHT ÷ NO. OF PIGLETS			