AUSTRALIAN Pork™

R&D Snapshot

Feeding creatine to sows in late gestation increased piglet weight gain through to weaning

Investigator: Dr William van Wettere, University of Adelaide

Purpose:

- To determine whether supplementing sow gestation diets with 2.5% creatine monohydrate from 5 days before their farrowing due date until the day after farrowing improves piglet viability

Take home messages:

- Piglet weight gain (between 1 to 21 days of age) from sows supplemented with the creatine monohydrate diet was, on average, 4.78kg compared to 4.10kg for piglets from the control treatment
- Piglet pre-weaning survival to 21 days of age was 89% for sows fed the creatine monohydrate supplemented diet compared to 82% for sows in the control treatment
- A commercial validation study is now being conducted at a commercial facility

Additional information:

- For further information or a copy of the full report, please contact Dr Robyn Terry at robyn.terry@australianpork.com.au or on 0427 423 869.

APL Project 2012/2434 – Maternal creatine monohydrate supplementation in late gestation to improve piglet viability