

# **Incidence du débit à l'abreuvoir sur les quantités d'eau ingérées et gaspillées par des porcs du sevrage à l'abattage**

*Patrick MASSABIE (1) et Nathalie LEBAS (2)*

*(1) IFIP-Institut du porc, La Motte au Vicomte, BP 35104, 35651 Le Rheu Cedex*

*(2) IFIP-Institut du porc, Station expérimentale, Les Cabrières, 12200 Villefranche de Rouergue*

*Patrick.massabie@ifip.asso.fr*

*Avec la collaboration du personnel technique des stations de Romillé et du GIE Villefranche Grand Sud*

## **Influence of bowl drinker flow rate on water consumption and wastage by pigs from weaning to slaughter**

Two experiments were carried out to determine the influence of bowl drinker flow rate on water consumption and wastage by growing-finishing pigs. The first trial involved two batches of 200 weaned piglets (9-24 kg). In the second trial, two batches of 96 growing-finishing pigs (33-112 kg) were studied. For each trial, two treatments were compared: a flow rate of 1 l/min (FR1) or a flow rate of 2 l/min (FR2). Average water wastage was 20 % of total water consumption during post weaning period and 14 % for growing-finishing pigs. Increased drinker flow rate induced higher water ingestion during both the 8-25 kg period (+68%) and the finishing period (+ 16 %). There was no effect of treatment on animal performance.