

Category	Calculation equations (y: water intake; L day ⁻¹)	Authors
Lactating sows (third week of lactation)	y (in relation to feed intake; FI ^a) = $2.52 \times \text{FI}(\text{kg d}^{-1}) + 4.22$ y (in relation to body mass; BW ^b) = $0.01 \times \text{BW}(\text{kg}) + 16.1$	Gill (1989)
Fattening pigs	y (in relation to FI) = $2.13 \times \text{FI}(\text{kg day}^{-1}) + 1.57$ y (in relation to BW) = $0.076 \times \text{BW}(\text{kg}) + 1.96$	Schiavon and Emmans (2000)
Piglets	$y = 0.149 + 3.053 \times \text{DM}^c \text{ intake (kg day}^{-1}\text{)}$ $y = 0.788 + 2.23 \times \text{DM intake (kg day}^{-1}\text{)} + 0.367 \times \text{kg BW}^{0.6}$	Brooks et al. (1984) Thulin and Brumm (1991)
Weeks 1–9	$y = (0.48 + 1.13 \text{ DM intake; kg day}^{-1})^2$	Gill (1989)
Weaned piglets	$y = (0.61 + 1.06 \text{ DM intake; kg day}^{-1})^2$	Gill (1989)

^a Feed intake. ^b Body weight. ^c Dry matter.