

	Model ¹ _{HG BG}	Model ¹ _{HG BG HW}
Root mean square error, kg	32.5	30.4
<i>P</i> -values		
Genotype	< 0.001	< 0.001
Parity	< 0.001	< 0.001
<i>b</i> _{HG} ²	< 0.001	< 0.001
<i>b</i> _{BG}	< 0.001	< 0.001
<i>b</i> _{HW}		< 0.001
<i>b</i> _{HG} × genotype	< 0.001	< 0.001
<i>b</i> _{BG} × genotype	< 0.001	< 0.001
<i>b</i> _{HW} × genotype		0.119
Physiological stage	< 0.001	< 0.001
RMSE ³ curve physiological stage, kg		
lactating	0.73	1.39
dry	4.96	6.76
Validation		
Root mean square prediction error, kg		
lactating	37.0	36.5
dry	41.3	39.9
<i>R</i> ² observed ⁴ vs. estimated		
lactating	83.0	83.5
dry	80.1	79.9