

Modelling Nutritional Requirements of Growing Pigs from Local Breeds Using InraPorc

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Table 2. InraPorc parameters of profiles and simulation results between 40 and 100 kg BW for nine local breeds ¹.

Profile ²	InraPorc Parameters				Performance 40–100 kg BW				
	NE ₅₀ , MJ NE	NE ₁₀₀ , MJ NE	B _{Gompertz} , /d	PDm, g/d	Age at 40 kg, d	Age at 100 kg, d	ADG, g/d	ADFI, MJ NE/d	SID Lys. req., g/d
Alentejana_1	19.0	29.4	0.0143	45	154	281	468	24.2	5.8
Alentejana_2	17.9	27.4	0.0070	47	148	282	449	22.1	6.0
Basque_conv	21.5	22.2	0.0096	72	114	212	613	23.9	8.4
Basque_alter	23.6	27.9	0.0096	72	117	219	588	22.1	8.3
Bisara_1	18.1	24.5	0.0073	77	127	230	580	21.1	8.8
Bisara_2	17.2	19.3	0.0100	81	121	229	554	18.5	9.1
A.Calabrese_1	20.8	33.3	0.0123	97	160	241	746	26.2	10.8
A.Calabrese_2	19.7	32.7	0.0163	105	150	228	774	25.4	11.7
Cinta Senese	15.7	27.8	0.0041	41	125	280	389	20.3	5.2
Iberian_1	16.3	28.9	0.0024	67	143	258	526	20.8	7.8
Iberian_2a	24.0	30.4	0.0079	84	110	195	707	27.2	9.7
Iberian_2b	23.6	29.1	0.0083	69	113	210	619	26.6	8.2
Krškopolje_con	20.7	35.2	0.0183	116	120	190	854	27.1	12.8
Krškopolje_eco	23.2	30.7	0.0119	113	122	194	834	27.0	12.4
Mangalitsa	23.1	28.4	0.0101	50	206	323	515	26.0	6.2
Moravka	22.8	31.1	0.0087	54	173	282	550	20.2	6.6

¹ NE₅₀–NE₁₀₀: net daily energy intake at 50 and 100 kg BW; ADG: average daily gain; ADFI: average daily feed intake; PDm: average protein deposition; SID Lys. req.: average standardized ileal digestible lysine requirement. ² The numbers (1, 2, 2a, 2b) or indications (conv: conventional; alter: alternative; con: conventional; eco: ecological) following the names of the breeds refer to different studies (see details in the text and in Appendix A).