

Table S1. Diet formulations for the growing phase, including 0% (V0), 5% (V5), 10% (V10), and 20% Narbon vetch (V20). After Gomez Izquierdo *et al.* (2020b).

Ingredients (%)	Growing period			
	V0	V5	V10	V20
Narbon vetch	0.00	5.00	10.00	20.00
Corn	14.30	12.00	9.92	5.40
Barley	30.50	29.50	28.60	26.60
Wheat	30.00	29.90	30.00	30.10
Corn DDGs ^[1]	6.00	6.00	6.00	6.00
Rapeseed meal	4.00	4.00	4.00	4.00
Soybean meal 47	10.0	8.32	6.48	2.80
Lard	1.00	1.00	1.00	1.00
Soybean oil	1.00	1.00	1.00	1.00
Dicalcium phosphate	0.32	0.32	0.32	0.32
Calcium carbonate	1.36	1.36	1.36	1.36
Sodium chloride	0.45	0.45	0.45	0.45
L-lysine 50%	0.41	0.40	0.39	0.36
Premix	0.50	0.50	0.50	0.50
Net energy (MJ/kg)	9.81	9.81	9.81	9.81
Analyzed composition				
Moisture	11.50	12.0	11.2	11.5
Crude protein	15.10	15.8	15.6	16.00
Ether extract	4.30	4.10	5.00	4.10
Crude fiber	4.30	4.60	5.00	4.70
Lysine	1.05	0.96	1.13	1.05
Methionine + Cysteine	0.38	0.44	0.49	0.44
Threonine	0.50	0.54	0.56	0.54
Tryptophan	0.32	0.35	0.31	0.29
GEC ^[2]	0.00	0.08	0.11	0.19

^[1] DDG: distiller's dried grain-^[2] γ -glutamyl-S-ethenyl-cysteine.

Table S2. Diet formulations for the fattening-finishing phase, including 0% (V0), 5% (V5), 10% (V10), and 20% Narbon vetch (V20). After Gomez Izquierdo *et al.* (2020b).

Ingredients (%)	Fattening-Finishing Period			
	V0	V5	V10	V20
Narbon vetch	0.00	5.00	10.00	20.00
Corn	25.00	25.00	25.00	25.00
Barley	23.00	19.60	15.80	15.80
Wheat	30.00	30.00	30.00	22.90
Corn DDGs	8.00	8.00	8.00	8.00
Rapeseed meal	0.00	1.00	2.20	3.00
Soybean meal 47	8.40	6.10	3.70	0.00
Lard	2.00	2.00	2.00	2.00
Dicalcium phosphate	0.50	0.40	0.40	0.40
Calcium carbonate	1.40	1.40	1.40	1.40
Sodium chloride	0.50	0.50	0.50	0.50
L-lysine 50%	0.41	0.40	0.39	0.36
Premix	0.50	0.50	0.50	0.50
Net energy (MJ/kg)	10.01	10.01	10.01	10.01
Analyzed composition				
Moisture	11.90	11.40	11.70	12.20
Crude protein	14.10	14.00	14.00	15.00
Ether extract	4.60	4.10	4.50	3.90
Crude fiber	2.90	3.40	4.30	4.00
Lysine	0.90	0.77	0.84	0.89
Methionine + Cysteine	0.42	0.43	0.42	0.46
Threonine	0.53	0.52	0.54	0.54
Tryptophan	0.28	0.23	0.24	0.24
GEC ^[1]	0.00	0.10	0.13	0.24

^[1] DDG: distiller's dried grain ^[2] γ -glutamyl-S-ethenyl-cysteine.