

	Starting		Growing				Before laying				Laying			
Weeks	0 to 4		5 to 17				18 to 21				22 to 40			
Diet	A	D	A	B	C	D	A	B	C	D	A	B	C	D
Corn	39.64	39.64	36.58	36.58	36.58	36.58	49.33	49.33	49.33	49.33	54.19	54.19	54.19	54.19
Wheat	23.86	23.86	30	30	30	30	22.22	22.22	22.22	22.22	8	8	8	8
Soybean meal	29.3	29.3	3.32	3.32	3.32	3.32	14.37	14.37	14.37	14.37	13.95	13.95	13.95	13.95
Wheat bran	0	0	11.29	11.29	11.29	11.29	0	0	0	0	0	0	0	0
Soy oil	2.2	2.2	1	1	1	1	1.02	1.02	1.02	1.02	2	2	2	2
Sunflower oil	1	1	14	14	14	14	8	8	8	8	5.8	5.8	5.8	5.8
Sodium Bicarbonate	0.18	0.18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Calcium carbonate	0.86	0.86	1.08	1.08	1.08	1.08	2.1	2.1	2.1	2.1	6.6	6.6	6.6	6.6
Phosphate	2.06	2.06	1.77	1.77	1.77	1.77	2.06	2.06	2.06	2.06	2.2	2.2	2.2	2.2
Salt	0.3	0.3	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.28	0.28	0.28	0.28
Methionine DL	0.1	0.1	0	0	0	0	0.01	0.01	0.01	0.01	0.05	0.05	0.05	0.05
Lysine	0	0	0.07	0.07	0.07	0.07	0	0	0	0	0	0	0	0
Mineral premix	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Soybean	0	0	0	0	0	0	0	0	0	0	6.33	6.33	6.33	6.33
Grape Seed Extract	0	1	0	0.5	1	1	0	0.5	1	1	0	0.5	1	1

Table S1: Composition of the diet for the different groups of animals

A: control without supplementation, B and C: supplementation at 0.5% and 1% of the total diet composition, respectively, starting at 4 week-old until 40 week-old, and D: supplementation at 1% of the total diet composition, starting at hatch until 40 week-old.