

Table 4: New Zealand White doe rabbits traits at first parity as affected by season of the year, feeding system, and dietary supplementation with *Nigella sativa* seeds

Items ⁿ	Gestation period(Days)	Litter size at			Litter weight (g) at			Pre-weaning mortality (In number)	Milk yield (g/doe)
		Birth	21 days	Weaning	Birth	21 days	Weaning		
Season of the year (S)	(31.08)								
Hot	31.8±0.2	3.71±0.3	2.27±0.2	1.44±0.2	43.41±1.2	235.15±6.7	469.27±14	1.77±0.07	1106.4±29.4
Mild	30.8±0.1	6.10±0.3	4.93±0.3	4.45±0.3	49.38±0.8	313.48±5.8	658.00±13	1.15±0.03	2752.97±35.8
Significance	NS	P<0.01	P<0.01	P<0.01	P<0.01	P<0.01	P<0.01	P<0.05	P<0.01
Feeding system (F)	(31.1)								
<i>Ad libitum</i>	30.7±0.2	4.25±0.3	2.64±0.3	2.25±0.3	44.26±1.5	252.63±10	509.31±24	1.45±0.10	1339.26±32.67
Feeding only at night	31.8±0.3	5.57±0.3	4.57±0.4	3.64±0.4	48.53±0.8	296.01± 9.8	617.97±15	1.47±0.19	2546.56±29.30
Significance	NS	P<0.05	P<0.05	P<0.05	P<0.05	P<0.05	P<0.05	NS	P<0.01
<i>Nigella Stiva</i> supplementation (NS)	(0.5)								
Without NS	31.4±0.1	3.80±½ ^b	2.90±0.2 ^b	2.00±0.7 ^b	44.65±1.4 ^b	24½±0 ^b	506.50±17 ^b	1.80±0.11	1107.52±58.39 c
1/2 % NS	31.3±0.2	5.90±0.8 ^a	4.45±0.7 ^a	4.20±½ ^a	49.05±1.9 ^a	293.00±10 ^a	599.63±15 ^a	1.70±0.14	2465.58±37.33 b
1 % NS	31.3±0.1	6.15±0.6 ^a	4.80±0.6 ^a	4.50±0.8 ^a	48.24±1.5 ^a	307.25±13 ^a	588.41±16 ^a	1.65±0.13	2774.94±39.11 a
Significance	NS	P<0.01	P<0.01	P<0.01	P<0.05	P<0.01	P<0.01	NS	P<0.01
Interactions S x F									
Hot	31.3±0.4	3.50±0.3 ^b	1.27±0.2 ^{bst}	10±0.2	2.41±1.3	215.05±7	418.1±12	1.90±0.16	673.72±28.80 d
<i>Ad libitum</i>	32.2±0.2	3.93±0.3 ^b	3.27±0.4 ^b	1.88±0.3	44.41±1.7	255.25±6	520.44±14	1.64±0.13	1483.6±29.53 c
Feeding only at night	30.1±0.3	5.00±0.3 ^{ab}	4.00±0.3 ^a	3.50±0.3	46.11±1.9	290.20±9	60½±1.5	10±0.19	2054.75±41.66 b
Mild									
<i>Ad libitum</i>	31.5±0.1	7.20±0.3 ^a	5.86±0.2 ^b	5.40±0.4	52.62±1.6	336.76±11	715.5±18	1.30±0.17	3367.15±45.36 a
Feeding only at night									
Significance	NS	P<0.05	P<0.05	NS	NS	NS	NS	NS	P<0.01
Interactions:									
S x NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
F x NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
S x F x NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Means bearing different letters in the same column within each classification, differ significantly (P≤0.05).

Mean ±SE and NS = Not significant

n = 10 rabbit does per each combination of season, feeding system and N. sativa level.