

Table (3): Effect of GKM levels on performance of does during gestation and lactation periods.

Items	GKM					Pooled SE	significance
	0.0 %	2.5%	5%	7.5%	10%		
Gestation period							
Initial body weight (g)	2846.90	2926.90	2875.00	2893.80	2786.30	80.07	NS
Gestation length (days)	30.00	30.50	30.13	30.00	30.25	0.30	NS
Feed intake /doe (g)	4042.50 ^{ab}	3721.50 ^c	4157.30 ^a	3686.80 ^c	3838.80 ^{bc}	99.30	**
Body weight after Gestation (g)	2971.30	3027.50	3007.50	2969.40	2863.80	80.81	NS
Change in weight (g)	124.38 ^{ab}	100.63 ^{ab}	132.50 ^a	75.50 ^b	77.50 ^b	15.99	*
Change in weight (%)	4.36 ^{ab}	3.43 ^{ab}	4.71 ^a	2.59 ^b	2.83 ^b	0.58	*
Suckling period (4wks)							
Feed intake kg /doe (g)	6007.50 ^{ab}	5892.00 ^{abc}	6198.40 ^a	5655.30 ^{bc}	5506.30 ^c	143.14	**
Body weight after suckling (g)	2887.50	2950.00	2889.40	2903.80	2805.00	80.82	NS
Change in weight (g)	83.80 ^{ab}	77.50 ^a	118.13 ^b	65.63 ^a	58.80 ^a	12.36	**
Change in weight (%)	2.82 ^{ab}	2.56 ^a	3.92 ^b	2.21 ^a	2.05 ^a	0.42	**

^{a, b, ...} Means within each row have different letter(s) are significantly different.

NS: not significant, *:($p < 0.05$), and **: ($p < 0.01$). GKM= Guar Korma Meal.

Table (6): Effect of GKM on the litter weight and litter weight gain.

Age	GKM%					Pooled SE	significance
	0.0%	2.5%	5.0%	7.5%	10.0%		
<u>Litter weight (g)</u>							
At birth	378.75 ^{ab}	347.50 ^b	407.50 ^a	291.25 ^c	261.25 ^c	16.94	**
Week 1	725.00 ^{ab}	707.50 ^b	830.00 ^a	548.75 ^c	508.75 ^c	38.30	**
Week 2	1556.25 ^b	1396.25 ^c	1717.50 ^a	1177.50 ^d	1012.50 ^e	44.46	**
Week 3	1984.40 ^b	1745.60 ^c	2298.80 ^a	1562.50 ^c	1318.80 ^d	71.34	**
Week 4	2706.30 ^b	2487.50 ^b	3106.30 ^a	1906.30 ^c	1645.00 ^d	87.64	**
<u>Litter weight gain (g)</u>							
Week1	346.25 ^a	360.00 ^a	422.50 ^a	257.50 ^b	247.50 ^b	29.94	**
Week 2	831.25 ^a	688.75 ^b	887.50 ^a	628.75 ^b	503.75 ^c	35.17	**
Week 3	428.15 ^b	349.35 ^b	581.30 ^a	385.00 ^b	306.30 ^b	43.76	**
Week 4	721.90 ^a	741.90 ^a	807.50 ^a	343.80 ^b	326.20 ^b	62.09	**
Overall (1-4 wks)	2327.55 ^b	2140.00 ^b	2698.80 ^a	1615.05 ^c	1383.75 ^d	79.51	**

^{a, b, ...} Means within each row have different litter letter(s) are significantly different.

**:($p < 0.01$). GKM= Guar Korma Meal.