

Table 3: Effect of dietary treatments on milk yield, blood plasma antioxidant constituents and hormones of does.

Items	Experimental treatment groups								SEM	P-value
	T1	T2	T3	T4	T5	T6	T7	T8		
Mill yield (g/ week):										
1 st	81.22 ^b	82.10 ^b	88.1 ^a	88.36 ^a	87.22 ^{ab}	86.10 ^{ab}	90.1 ^a	98.36 ^a	8.11	0.05
2 nd	99.11 ^b	100.65 ^b	108.04 ^a	110.69 ^a	99.51 ^b	100.60 ^b	107.04 ^a	109.69 ^a	21.01	0.05
3 rd	119.40 ^b	135.30 ^a	133.16 ^a	130.93 ^a	126.60 ^{ab}	125.50 ^{ab}	130.16 ^a	145.93 ^a	13.10	0.05
4 th	91.48 ^b	99.01 ^{ab}	111.36 ^a	110.23 ^a	100.48 ^{ab}	109.01 ^a	108.36 ^a	110.23 ^a	16.7	0.05
Total	391.21^b	417.06^{ab}	440.16^a	440.21^a	413.81^{ab}	421.21^{ab}	435.66^a	464.21^a	22.35	0.001
Blood plasma antioxidant constituents at 18 day (mid pregnancy periods)										
TAC ¹ , (mmol/l)	1.39 ^b	2.28 ^a	2.31 ^a	2.16 ^{ab}	2.45 ^a	2.18 ^{ab}	2.35 ^a	2.66 ^a	0.11	0.01
SOD ² , units / L(u/l)	23.5 ^b	38.98 ^a	36.90 ^a	36.46 ^a	33.5 ^a	30.98 ^{ab}	30.10 ^{ab}	37.48 ^a	0.20	0.05
GPx ³ , (u/l)	445 ^b	613 ^{ab}	618 ^{ab}	696 ^a	595 ^{ab}	573 ^{ab}	598 ^{ab}	816 ^a	34.21	0.001
TBARs ⁴ , (μmol/ml)	1.77 ^a	0.89 ^b	0.82 ^b	0.95 ^b	1.07 ^b	1.19 ^b	1.12 ^b	0.71 ^c	0.01	0.05
Triiodothyronine (T3)	0.87 ^c	1.44 ^a	1.40 ^a	1.36 ^a	1.52 ^a	1.48 ^a	1.26 ^{ab}	1.12 ^b	0.04	0.0001
Estradiol (E2)	31.8 ^c	66.70 ^a	65.23 ^a	71.30 ^a	68.3 ^a	59.10 ^{ab}	70.11 ^a	51.26 ^b	2.21	0.01
Progesterone (P4)	7.01 ^b	10.15 ^a	10.13 ^a	9.87 ^a	9.63 ^a	8.47 ^{ab}	8.12 ^{ab}	7.36 ^b	0.12	0.05
Blood plasma antioxidant constituents at 18 days (mid Lactation periods)										
TAC ¹ , (mmol/l)	1.59 ^b	2.48 ^a	2.45 ^a	2.40 ^a	2.09 ^{ab}	2.44 ^a	2.55 ^a	2.96 ^a	0.10	0.05
SOD ² , units / L(u/l)	27.5 ^b	39.98 ^a	38.10 ^a	39.48 ^a	35.5 ^a	36.98 ^a	32.10 ^{ab}	39.98 ^a	1.36	0.05
GPx ³ , (u/l)	555 ^c	873 ^a	798 ^b	806 ^b	755 ^b	773 ^b	718 ^b	896 ^a	40.36	0.004
TBARs ⁴ , (μmol/ml)	1.97 ^a	0.79 ^b	0.72 ^b	0.70 ^b	0.77 ^b	0.79 ^b	0.72 ^b	0.61 ^c	0.04	0.01
Triiodothyronine(T3)	1.09 ^b	1.33 ^a	1.48 ^a	1.32 ^a	1.27 ^a	1.35 ^a	1.30 ^a	1.22 ^{ab}	0.05	0.05
Estradiol (E2)	57.01 ^b	90.3 ^a	90.25 ^a	87.78 ^a	94.0 ^a	75.81 ^{ab}	78.63 ^{ab}	70.14 ^{ab}	6.10	0.01
Progesterone (P4)	0.38 ^c	2.02 ^a	2.00 ^a	1.96 ^a	1.79 ^{ab}	1.88 ^a	1.69 ^{ab}	1.54 ^b	0.09	0.0001

a- c, Means within a column not sharing similar superscripts are significantly differ significantly.

T1=Treatment 1: Control, T2=Treatment 2: Control + 1.0% **rocket seeds**, T3=Treatment 3: Control + 1.0% carrot seeds, T4=Treatment 4: Control + 1.0% bay laurel leaves, T5=Treatment 5: Control + 0.5% **rocket seeds**+0.5% carrot seeds, T6=Treatment 6: Control + 0.5% carrot seeds+0.5% bay laurel leaves, T7=Treatment 7: Control + 0.5% **rocket seeds**+0.50% bay laurel leaves, T8=Treatment 8: Control + 0.33% **rocket seeds**+0.33% carrot seeds+0.33% bay laurel leaves.