

Table 6. Effect of Arak (*Salvadora persica*), season and their interaction inclusion on libido, mating activity and physical semen characteristics of NZW rabbit bucks at 6 months of age

Fact ors	Parameters ¹									
	Libido (sec)	Mating Activity	SEV	ASM	LS	MNS	SCC	TSO	AD	
Season:	**	**	**	**	**	**	**	**	**	**
Winter (W)	31.76 ±0.76	5.04 ±0.14	0.71 ±0.01	71.76 ±1.31	72.42 ±1.34	83.17 ±1.17	561.71 ±15.89	438.91 ±14.68	12.33 ±0.41	
Summer (S)	38.94 ±1.13	4.40 ±0.15	0.57 ±0.02	62.22 ±1.41	64.04 ±1.18	69.80 ±1.44	430.26 ±17.37	294.44 ±18.07	16.31 ±0.47	
Treatment:	**	**	**	**	**	**	**	**	**	**
Control (C)	38.44 ±1.05	4.28 ±0.14	0.56 ±0.01	63.67 ±1.35	64.52 ±1.12	73.36 ±1.33	443.26 ±15.04	319.08 ±13.69	15.35 ±0.44	
Treatment (T)	32.26 ±0.70	5.16 ±0.14	0.71 ±0.01	70.31 ±1.37	71.94 ±1.31	79.61 ±1.10	548.75 ±16.75	414.26 ±16.52	13.29 ±0.40	
Interactions	**	**	**	**	**	**	**	**	**	**
W × C	33.76 ^b ±1.04	4.98 ^a ±0.20	0.66 ^b ±0.01	70.14 ^a ±1.97	67.66 ^b ±1.85	82.88 ^a ±1.66	524.68 ^b ±20.17	404.74 ^a ±19.21	12.71 ^{ab} ±0.60	
W × T	29.75 ^c ±1.06	5.10 ^a ±0.20	0.76 ^a ±0.02	73.38 ^a ±1.73	77.18 ^a ±1.80	83.46 ^a ±1.56	598.75 ^a ±23.98	473.07 ^a ±21.65	11.94 ^b ±0.55	
S × C	43.11 ^a ±1.67	3.59 ^b ±0.18	0.49 ^c ±0.01	57.20 ^b ±1.60	61.38 ^b ±1.16	63.84 ^b ±1.85	361.84 ^c ±18.33	233.42 ^c ±14.13	17.98 ^a ±0.54	
S × T	34.76 ^b ±0.91	4.53 ^{ab} ±0.19	0.64 ^b ±0.02	67.24 ^{ab} ±2.14	66.69 ^b ±1.88	75.75 ^{ab} ±1.57	498.74 ^b ±23.52	355.45 ^b ±24.90	14.63 ^{ab} ±0.58	

¹SEV: semen ejaculate volume (ml); ASM: advanced sperm motility (%); LS: live spermatozoa (%); MNS: morphological normal spermatozoa (%); SCC: sperm cell concentration (N×10⁶ ml); TSO: total sperm output (N×10⁶ ejaculate); AD: acrosomal damage (%).

a, b, c, Means bearing different letters in the same column significantly differed within each factors

(P≤0.05).

** = P≤0.01.