

Table 3: Some growth performance and carcass traits of rabbits at 16 weeks of ages as affected by vitamin E supplementation (mg/kg diet), genotype, sex and their interactions.

	Growth performance				Carcass traits				
	FBW*	DWG	DFI	FCR	SW	HCW	EP (%)	AF (%)	DW (%)
Vitamin E supplementations:									
40 mg(Control)	2.03 ^b	17.43 ^b	104.9	6.17 ^a	1.98 ^b	1.15 ^b	3.49	1.01	61.31
80 mg	2.09 ^b	18.52 ^b	104.7	5.87 ^a	1.99 ^b	1.18 ^b	3.62	0.99	62.77
120 mg	2.19 ^a	19.77 ^a	103.6	5.31 ^b	2.13 ^a	1.26 ^a	3.38	1.05	62.52
Pooled S.E.	±0.032	±0.416	±0.515	±0.138	±0.024	±0.016	±0.150	±0.115	±0.445
Genotype:									
V-line	2.11	18.63	106.1 ^a	5.81	2.06 ^a	1.24 ^a	3.29 ^b	0.684 ^b	63.12 ^a
Gabali	2.09	18.51	102.7 ^b	5.76	2.01 ^b	1.16 ^b	3.71 ^a	1.351 ^a	61.27 ^b
Pooled S.E.	±0.025	±0.339	±0.423	±0.113	±0.020	±0.013	±0.122	±0.094	±0.363
Sex:									
Male	2.12	19.34 ^a	104.9	5.59 ^a	2.02	1.19	3.54	0.933	62.58
Female	2.08	17.81 ^b	103.9	5.98 ^b	2.05	1.20	3.46	1.112	61.82
Pooled S.E.	±0.025	±0.339	±0.423	±0.113	±0.020	±0.013	±0.122	±0.094	±0.363
P values									
Vit. E (Vit. E)	0.0014	0.0005	0.1797	<.0001	0.0003	0.0001	0.5269	0.9335	0.0626
Genotype (G)	0.5564	0.8092	<.0001	0.7592	0.0458	0.0002	0.0260	<.0001	0.0013
Sex (S)	0.3421	0.0018	0.1414	0.0188	0.4396	0.9646	0.6192	0.2150	0.1531
Vit. E x G	0.0686	0.0903	<.0001	0.5938	0.0451	0.0452	0.7173	0.4916	0.0465
Vit. E x S	0.3323	0.1383	0.0557	0.1698	0.7527	0.3017	0.6527	0.3625	0.0395
G x S	0.8212	0.8366	0.0002	0.9311	0.1149	0.0823	0.9267	0.0237	0.4921

FBW= Final Body weight at 16 wks (kg), DWG= Daily weight gain (g), DFI= Daily feed intake (g), FCR= Feed conversion. SW= Slaughter weight (kg), HCW= Hot carcass weight (kg), EP (%)=Edible parts (%), AF (%) = Abdominal fat (%), DW (%) = Dressing weight (%).

*The average initial live body weight at 6 weeks of age was 0.801±.015 kg.