Table 3. Effect of quinoa hay levels in rabbits diets on feed consumption and nutrients digestibility coefficients.

Items	Levels of quinoa hay				P value
	0%	25%	50%	75%	
No. of rabbits	**16**	**16**	**16**	**16**	
Average daily feed consumption (g) from:					
5-9 weeks	40.19±4.13	36.60±4.13	42.58±4.13	32.89±4.13	0.41
9-15 Weeks	59.00±4.52	62.53±4.52	61.27±4.52	52.98±4.52	0.48
5-15 weeks	47.72±3.83	46.97±3.83	50.06±3.83	40.92±3.83	0.41
Nutrients digestibility coefficients					
Dry Matter(DM)	73.10^{a}±0.91	65.74^{b}±0.91	55.20^{c}±0.91	52.69^{c}±0.91	0.0001
Organic matter (OM)	73.84^{a}±0.32	67.02^{b}±0.32	53.69^{c}±0.32	53.88^{c}±0.32	0.0001
Crude protein (CP)	79.37^{a}±1.46	71.83^{b}±1.46	66.49^{c}±1.46	58.35^{d}±1.46	0.0001
Ether extract (EE)	92.50^{a}±4.56	84.34^{ab}±4.56	84.79^{ab}±4.56	73.95^{b}±4.56	0.1000
Crude fiber (CF)	34.83^{a}±5.70	16.41^{ab}±5.70	00.61^{b}±5.70	00.00^{b}±5.70	0.0080
Nitrogen free extract (NFE)	87.87^{a}±5.61	89.18^{a}±5.61	82.72^{a}±5.61	61.43^{b}±5.61	0.0090
NDF	53.81^{a}±1.46	39.52^{b}±1.46	20.53^{c}±1.46	16.97^{c}±1.46	0.0001
Nutritive values					
DCP%	16.75^{a}±0.32	15.42^{a}±0.32	14.67^{b}±0.32	13.64^{c}±0.32	0.0001
TDN%	70.72^{a}±3.43	67.32^{a}±3.43	58.37^{b}±3.43	47.18^{c}±3.43	0.0050

a, b,..etc.: Means in the same raw with different letters, differ significantly (P<0.05).

Table 4. Effect of quinoa hay levels on rabbits performance.

Items	**Levels of quinoa hay**				**P value**
	0%	**25%**	**50%**	**75%**	
Live body weight (g) at:					
5 weeks	623.38±7.73	623.25±7.73	624.31±7.73	623.81±7.73	0.99
9 weeks	1433.28±40.27	1379.28±40.27	1412.28±40.27	1358.15±40.27	0.57
15 weeks	2072.43±62.68	2063.47±72.38	2073.65±62.68	2057.93±72.38	0.41
Daily weight gain (g) from:					
5-9 weeks	28.93±1.50	27.00±1.50	28.14±1.50	26.23±1.50	0.61
9-15 weeks	15.22±1.20	16.75±1.38	15.75±1.20	15.94±1.38	0.87
5-15 weeks	20.70±0.91	20.51±1.05	20.71±0.91	20.47±1.05	0.99
Feed conversion ratio (FCR) from					
5-9 weeks	2.56±0.21	2.77±0.21	2.74±0.21	2.76±0.21	0.87
9-15 weeks	5.67±1.89	5.50±2.18	5.77±1.89	10.27±2.18	0.37
5-15 weeks	4.42±1.14	4.35±1.32	4.56±1.14	7.23±1.32	0.37
Mortality Rate					
5-15 weeks	4	6	2	7	

Table 5. Effect of quinoa hay levels in rabbits diets on blood constituents.

Items	Levels of quinoa hay				P value
	0%	25%	50%	75%	
Total protein (g/dI)	6.34±0.19	6.44±0.19	6.31±0.19	6.04±0.19	0.51
Albumin (g/dI)	3.48±0.13	3.52±0.13	3.35±0.13	3.38±0.14	0.78
Globulin (g/dI)	2.86±0.20	2.92±0.20	2.96±0.20	2.71±0.22	0.86
A/G ratio	1.30±0.13	1.24±0.13	1.18±0.13	1.31±0.14	0.89
Urea-N (m/dI)	33.82±1.89	37.25±1.89	38.61±1.89	35.43±1.89	0.32
GOT (u/L)	5.30±0.98	3.36±0.98	4.48±0.98	5.89±0.98	0.31
GPT (u/L)	64.60±1.42	66.95±1.42	61.83±1.42	63.05±1.42	0.09
Alkaline phosphatase (u/L)	0.89^{a}±0.15	0.58^{ab}±0.16	0.26^{b}±0.15	0.54^{ab}±0.16	0.05
Triglecride (mg/dI)	193.81±17.94	159.62±17.94	169.45±17.94	134.83±17.94	0.16
Cholestrol (mg/dI)	118.35±26.77	47.77±26.77	42.35±26.77	51.38±26.77	0.17
Creatinine (g/L)	1.79^{c}±0.14	1.63^{c}±0.14	2.21^{a}±0.14	2.18^{ab}±0.14	0.01

a, b,..etc.: Means in the same raw with different letters, differ significantly (P<0.05).