

Table 4. Effect of dietary DDGS and enzyme supplementation levels and their interaction on protein efficiency ratio (PER), energy efficiency utilization (EEU), performance index (PI) and economic efficiency(EEF) of NZW rabbits , during the experimental periods.

Treatment groups	PER				EEU				PI				EEF	
	5-8 wks	9-11 wks	12-14 wks	5-14 wks	5-8 wks	9-11 wks	12-14 wks	5-14 wks	5-8 wks	9-11 wks	12-14 wks	5-14 wks	5-14 wks	
DDGS levels (%)														
0.0	1.85 ^b	1.35 ^a	0.84 ^b	1.25 ^b	8.45 ^a	11.54 ^b	18.75 ^a	12.51 ^a	36.68 ^b	41.30 ^a	32.33 ^b	48.15 ^b	100.36 ^c	
16.0	1.86 ^b	1.22 ^b	1.05 ^a	1.28 ^{ab}	8.47 ^a	13.02 ^a	15.13 ^b	12.30 ^{ab}	35.38 ^b	34.98 ^b	41.58 ^a	50.37 ^{ab}	112.72 ^{ab}	
22.0	1.87 ^b	1.36 ^a	1.06 ^a	1.33 ^a	8.48 ^a	11.66 ^b	15.00 ^b	11.94 ^b	35.42 ^b	40.80 ^a	43.45 ^a	54.27 ^a	103.84 ^{bc}	
28.0	2.12 ^a	1.25 ^b	1.02 ^a	1.32 ^a	7.59 ^b	13.11 ^a	16.18 ^b	12.26 ^{ab}	41.58 ^a	37.32 ^{ab}	40.68 ^a	52.62 ^{ab}	115.07 ^a	
SEM	0.01	0.03	0.03	0.02	0.06	0.43	0.52	0.16	1.06	1.74	2.00	1.63	3.45	
Significance	0.01	0.05	0.01	*	0.01	0.05	0.01	*	0.01	0.05	0.01	*	*	
Enzyme levels (g / kg):														
0.0	1.95 ^a	1.35 ^a	1.02	1.33 ^a	8.12 ^b	11.91 ^b	15.72 ^b	11.87 ^b	37.78	40.14	40.26	52.73	110.34	
0.5	1.90 ^b	1.24 ^b	0.97	1.25 ^b	8.37 ^a	12.76 ^a	16.81 ^a	12.63 ^a	36.75	37.06	38.77	49.98	105.66	
SEM	0.01	0.02	0.02	0.01	0.04	0.30	0.36	0.11	0.75	1.23	1.41	1.15	2.44	
Significance	0.01	0.01	NS	**	0.01	0.05	0.01	*	NS	NS	NS	NS	NS	
Interactions:														
DDG EN														
0.0	0.0	2.00	1.45	0.91	1.36	7.77	10.72	17.23	11.45	40.50	45.87	36.43	54.13	108.74
	0.5	1.70	1.25	0.77	1.14	9.13	12.37	20.27	13.56	32.87	36.73	28.23	42.17	91.98
16.0	0.0	1.85	1.33	0.99	1.30	8.51	11.90	16.03	12.14	35.50	38.57	38.03	50.00	114.10
	0.5	1.87	1.11	1.01	1.27	8.44	14.14	14.22	12.47	35.27	31.40	45.13	50.73	111.35
22.0	0.0	1.84	1.31	1.12	1.31	8.34	11.24	15.82	12.08	34.40	42.30	40.43	52.90	96.89
	0.5	1.90	1.41	1.12	1.34	8.63	12.07	14.19	11.80	36.43	39.30	46.47	55.63	110.79
28.0	0.0	2.12	1.20	1.17	1.36	7.58	13.78	13.78	11.82	40.73	33.83	46.13	53.87	121.62
	0.5	2.12	1.29	0.87	1.27	7.59	12.45	18.57	12.69	42.43	40.80	35.23	51.37	108.51
SEM		0.02	0.05	0.05	0.02	0.09	0.61	0.73	0.23	1.50	2.47	2.83	2.30	4.89
Significance		0.01	0.05	0.01	**	0.01	0.05	0.01	**	0.01	0.05	0.01	*	*

a,b,c Means in the same column bearing different superscript are significantly different ($P \leq 0.05$).

* Significant at 0.05. ** Significant at 0.01. NS: Not significant. DDGS = Distillers dried grains with solubles SEM = Stander error mean