

Table (6): Economic efficiency % of Mandarah hens as affected by feed restriction, different microorganism strain (MS), and the interactions between them, during period from 24 to 48 week at age.

Treatments	Egg number	Price/egg (LE)	Total revenue eggs (LE)1	Total feed intake (kg)	Price /Kg feed (LE)	Total Feed cost (LE)2	Fixed cost (LE)	Total cost (LE)3	Net revenue (LE)4	(EEf)5 (%)	
Feeding regimes (FR)											
<i>ad libitum</i>	52.84	4.20	221.93	13.80	12.00	165.57	3.00	168.57	53.36	31.65	
110g/hen/day	52.44	4.20	220.25	12.29	12.00	147.52	3.00	150.52	69.73	46.32	
Microorganism types (MT)											
Non-supplemented	49.04	4.20	205.97	13.04	13.25	172.78	3.00	175.78	30.19	17.17	
<i>B. subtilis</i>	55.40	4.20	232.68	12.96	13.25	171.69	3.00	174.69	57.99	33.20	
<i>B. licheniformis</i>	53.96	4.20	226.63	12.97	13.25	171.80	3.00	174.80	51.83	29.65	
<i>B. amyloliquefaciens</i>	52.20	4.20	219.24	13.08	13.25	173.36	3.00	176.36	42.88	24.31	
Interactions											
<i>ad libitum</i>	Non-supplemented	50.40	4.20	211.68	13.79	13.25	182.69	3.00	185.69	25.99	14.00
	<i>B. subtilis</i>	54.88	4.20	230.50	13.65	13.25	180.86	3.00	183.86	46.64	25.36
	<i>B. licheniformis</i>	53.52	4.20	224.78	13.92	13.25	184.42	3.00	187.42	37.36	19.94
	<i>B. amyloliquefaciens</i>	52.56	4.20	220.75	13.88	13.25	183.86	3.00	186.86	33.89	18.14
110g/hen/day	Non-supplemented	47.68	4.20	200.26	12.30	13.25	163.01	3.00	166.01	34.24	20.63
	<i>B. subtilis</i>	55.88	4.20	234.70	12.29	13.25	162.84	3.00	165.84	68.85	41.52
	<i>B. licheniformis</i>	54.40	4.20	228.48	12.29	13.25	162.90	3.00	165.90	62.58	37.72
	<i>B. amyloliquefaciens</i>	51.84	4.20	217.73	12.29	13.25	162.86	3.00	165.86	51.87	31.27

1. Total revenue hen (LE) = Egg Number * Price of one egg (LE)
 2. Total feed cost / hen (LE) = Total feed intake / hen (Kg) * Total feed cost / hen (LE)
 3. Total cost hen (LE) = Total feed cost / hen (LE) + fixed hen (LE)
 4. Net revenue / hen (LE) = Total revenue hen (LE) – Total cost hen (LE)
- Economic efficiency (EEF) = Net revenue/hen.