

Study the effect of antimicrobial activity in garlic mixture for TB bacteria

Feed garlic mixture, starting from nursery stage until adult stage to check the TB occurrence (TSK/4874)

5*10 sized two cement tanks were selected as tank no. 41 and tank no.46.

Fry were stocked in selected tanks as mentioned below.

Table 1: Experiment tanks

Tank No.	41	46
Stocking density	1000	1000
Stocked date	24/11/2016	25/11/2016

Tank no. 41 was fed with prepared feed using garlic and gelatin. Tank no. 46 was fed with normal feed use in the farm.

Table 2: Feeding procedure

Time	Feed
8.00 am	Aquamaster,garlic, 999
10.00 am	Brine shrimp
1.10 pm	Aquamaster, 999
3.00 pm	Brine shrimp

In here, at 8.00 am Aquamaster, garlic and 999 feed were blended with gelatin and kept in a refrigerator. During the meal hours, portion of feeds were given to the Tank no. 41.

Daily observations were noted.

Observations

Date	Daily DOH		Remarks
	Tank 41	Tank 46	
24/11/2016	4		DOA
25/11/2016	6	5	DOA for Tank 46
26/11/2016	0	0	
27/11/2016	0	0	
28/11/2016	0	0	
29/11/2016	0	0	
30/11/2016	0	0	
1/12/2016	0	2	No parasites found
2/12/2016	0	3	No parasites found
3/12/2016	0	0	
4/12/2016	0	0	
5/12/2016	0	0	
6/12/2016	0	0	
7/12/2016	0	0	
8/12/2016	0	0	
9/12/2016	0	0	
10/12/2016	0	2	No parasites found
11/12/2016	0	0	
12/12/2016	0	0	
13/12/2016	0	0	
14/12/2016	0	1	No parasites found
15/12/2016	0	0	
16/12/2016	0	14	Condis 2.5 ppm for tank. 46
17/12/2016	0	22	

Remarks

Still, feeding procedure mentioned above is continuing and getting observations to find out the effectiveness of the feed garlic mixture to check the TB occurrence.