



Rotifer Enrichment Trial using AlgaMac-3050

Quantity of Algamac 3050 used 39 grams
 Enrichment temperature 20-23 degrees C

Start time	Finish time	Enrichment duration (hours)	Initial rotifer population data			Volume (m3)	Total No. of rotifers (millions)	Final rotifer population data			Volume	Total No. of rotifers (millions)	Difference between (init-final rotifers Nos) (%)
			rotifers/ml	% of rotifers with 1 egg	% of rotifers with 2+ eggs			rotifers/ml	% of rotifers with 1 egg	% of rotifers with 2+ eggs			
9/25/00 13:00	9/26/00 9:30	20:30	251	22.6	1.6	0.35	87.85	243	6.5	0	0.35	85.05	-3.19%

A re-count was made after the rotifers had been collected to check for losses during filtration & cleaning

rotifers/ml (in bucket - after collected)	Volume (m3)	Total No. of rotifers (millions)
6130	0.015	91.95

When checked at the beginning and end of the trial period the rotifers showed good, active swimming behaviour. After enrichment the rotifers were well fed (full stomachs)

NOTE: The initial condition of the rotifers is important regarding potential gains/losses in the rotifer population during enrichment.

(Source: Studies performed by Maritek Worldwide Limited at Octopus SA facility, Greece)

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