ABSTRACT

This research aim to know the role of light’s position with and without a coat of squid oil in the water surface which can overcome the deformity of grouper’s larvae. Larvae looked after up to stadium flexion (D21). given treatment, that is: light position from the top with squid oil coat on the surface of water (A), light position from the top without squid oil coat on the surface of water (B), light position from other sideing with squid oil coat on the surface of water (C), and the light position from other sideing without squid oil coat on the surface of water (D). Result of research indicate that larvae with squid oil and give treatment light position from other sideing (C) have lowest deformity percentage (11.66%) with dominant type of deformity are lordosis. Pursuant to the analysis result, squid oil have an effect to larvae’s deformity.

Keyword: deformity, light, squid oil, larvae