

PENGARUH PENYEMPROTAN EKSTRAK DAUN BINAHONG (*Anredera cordifolia* (Ten.) Steenis) TERHADAP PENETASANELUR IKAN LELE (*Clarias sp*)

THE EFFECT OF SPRAYING LEAF EXTRACT BINAHONG (*Anredera cordifolia* (Ten.) Steenis) TO HATCHING EGG OF CATFISH(*Clarias sp*)

M. Syarkawi¹, Rindhira Humairani Z²

Program Studi Budidaya Perairan Universitas Almuslim

Kampus : Jln. Almuslim Telp. (0644) 41126, 442166, website : www.umuslim.ac.id

Matangglumpangdua Bireuen Aceh

ABSTRAK

Pembenihan merupakan salah satu kegiatan yang penting dalam kegiatan budidaya. Persentase daya tetas telur yang tinggi merupakan salah satu ukuran keberhasilan dalam proses pemijahan ikan lele. Telur yang telah diserang oleh jamur menurunkan sintasan daya tetas telur. Tanamanbinahong mengandung senyawa saponin, flavonoid, terpenoid dan alkaloid. Senyawa tersebutmemiliki kemampuan antibakterial dan fungisida. Hasil penelitian menunjukkan telur yang diberikan ekstrak daun binahong menetas lebih cepat dibandingkan dengan telur yang tidak diberikan ekstrak daun binahong dengan perbedaan waktu penetasan mencapai ± 3 jam. Daya tetas telur yang paling tinggi terdapat pada perlakuan 4 ppm ekstrak daun binahong yang mencapai 85% F hitung. dan yang paling rendah pada perlakuan kontrol sebesar 74,33% F hitung. Nilai abnormalitas larva paling tinggi terdapat pada perlakuan kontrol sebesar 24% F hitung. dan tingkat kelangsungan hidup yang paling tinggi terdapat pada perlakuan 4 ppm ekstrak daun binahong sebesar 61,33% (F hitung $p > 0,05$).

Kata Kunci : Telur Ikan Lele, Ekstrak Daun Binahong, Jamur dan Penetasan Telur.

Abstract

Seeding is one of the important activities in the aquaculture. The percentage of high hatchability resources is one of the success rate in the process of spawning catfish the. Eggs the have been attacked by fungi had low hatchability. The binahong leaves contains saponin , flavonnoid, therpenoids and alkaloids. The compound have an antimicrobial activity and fungicide. The purpose of this research is to know the effectiveness of binahong leaf extract in preventing attack of furgi on catfish eggs and increase the hatching rate of catfish eggs. This research was carried out in January 2016 with the experimental method. The results showed the leaf extract has an ability to fasten the hatching of the eggs during ± 3 hour the most hatching found on treatment of 4 ppm binahong leaf extract which reached 85% and the lowest hatching rate found on control as much as 74,33%. Abnormality is present on the control treatment as much as 24% and the highest survival rate found in the treatment of 4 ppm binahong leaf extract as much 61,33%.

Keywords: Eggs, catfish Binahong Leaf Extract, Fungi