SUMMARY

Looking of Withdrawal Time Oxytetracycline Residue of Shrimp Penaeus Monodon Feeding With Medicated Feed

Kusyairi, Sumaryam, Sri Oetami Madyowati, 2008, 38 page

Indonesian products often rejected by foreign trader due to highky antibiotic concentration in shrimp. European and Japanese market reject shrimp that antibiotic concentration exceed than 0.005 ppb. Formerly shrimp production used antibiotic to combat bacterial disease and in some place the antibiotic still often used. After understand the potential dangerous of antibiotic to human health, they were stop using antibiotics but the contamination still continuing occurred. The source of antibiotic contamination may be water, mud and other organism, which is lived in pond.

Collected sample from mud, organism and water analyzed according to method of Thomson of Pfizer Corporation and Association of Official Analytical Chemist (Hurwitz, 1980). The purposed of the research to understand source of antibiotic in cultured shrimp. The results can be summarized as followed,

a. Antibiotic concentration from Tuban are 1.8 ppm (mud), 0.8 ppm (water) dan 2.1 (organism).

b. Antibiotik concentration Gresik adalah 0.6 ppm (mud), 0.3 ppm (water) dan 1.2 (organism).

c. Antibiotik concentration Pasuruan are 0.3 ppm (mud), 0.1 ppm (water) dan 0.6 (organism).

d. Antibiotik concentration Probolinggo are 0.3 ppm (mud), 0.2 ppm (water) dan 0.6ppm (organism).