ISOLATION AND IDENTIFICATION OF CLOSTRIDIUM BOTULINUM FROM LIMBERNECK DUCKS IN PHU TAN AND TRI TON DISTRICTS, AN GIANG PROVINCE

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Summary

From June to December 2015, 86 liver and intestinal contents from 43 sickness duck were collected from Phu Tan and Tri Ton districts, An Giang province. All samples were cultured on Cooked Meat Medium, blood agar and API 20A test to identify Clostridium spp.. The result showed that 51.16% (44/86) samples were positive with Clostridium spp. in which 37.21% (16/43) from liver samples and 65.12% (28/43) from intestinal contents. The prevalence Clostridium botulinum were 16.28% (14/86). The result from antibiotic susceptibility test (with doxycycline, norfloxacin, marbofloxacin, florfenicol, fosfomycin) showed that Clostridium botulinum were highly sensitive (100%) to 5 tested antibiotics

Key words: An Giang province, Clostridium spp., duck, limberneck.