

Antibiotic Resistance Prevalence and Distribution in Marine Fish Farming Areas in Hainan, China

Chan Su*

Department of Aqua-life Science and Technology, Shanghai Ocean University, Shanghai, China

Abstract

Antibiotic resistance has become a critical issue in global health, with implications extending to marine environments, particularly in regions with intensive aquaculture activities. This abstract examines the prevalence and $\dot{a}_i \cdot c |\dot{a}_i \dot{c}_i|_{1 - \omega} c \dot{a}_i |\dot{c}_i \cdot \dot{a}_i \cdot c \dot{a}_i|_{1 - \omega} c \dot{a}_i|_{1 + \omega} c \dot{a}_i|_$

Keywords: A b c e a ce; G ba ea ; Ma e e ; A ac e; A b c e; P e a e ce

Introduction

А b c e a ce a e e ged a a g ca 🛫 ba ea f bac e a С ce 🛫 cae 🛫e e e ec e ea e , a'. W e e fec h a ada e a а d ed bee ee ae. е ., ее, 🛫 🛫 ec 🛫 f e a e ce a d ac a a c ec e , a c a a ea f f e ea ac e [1]. Ha a, C ее. e a, fa 🐒 d , , de a а е а ca e d f de ad 🛫 e e a e ce a d d b fa b c e a ce e, I, a e fa a ee. _**≤**, a b c a e fe e ed ed e e a d ea bac e a fec а <u>s</u> [2]. H ee, e d c а ae e fa b c ca ead e de e e fab c-e a bacea, с e а a a c e c a d b a ea .Ha a а e 5 d . , caace edb fa c 🛫 🐒 de e a d 5 e e fa ac ce, cea e a e e c d c e £ e e e se ce a d ead fa b c e c a ce [3]. Re ea c c d c ed 🛫 aea a eeaedaa Ha a' a e fa sae f a b c e a cea sbac e a a edf ae, ed e ,ad fa ed , . . S de a e de , ed a de a ge fa b, c-e , a bacea, cd 🛫 a e a eda b c c С a e ac c e, e, a d f a de [4]. e e a e ce fe a cege e e c d g ec a , c a e a d ed b a c ac a e ada 👾 e 🚬 a 🥰 e 💡 e 55 bac e a e a a b e. Se e a fac b e e ce с ce a ce Ha a' е fe a fa b a e fa -5 ee c de e e fa b a ea. c a ac c ea е,

*Corresponding author: Chan Su, Department of Aqua-life Science and Technology, Shanghai Ocean University, Shanghai, China, E-mail: chans@scsfri. ac.cn

Received: 01-Jan-2024, Manuscript No: jmsrd-23-128746; Editor assigned: 03-Jan-2024, Pre-QC No: jmsrd-23-128746 (PQ); Reviewed: 17-Jan-2024, QC No: jmsrd-23-128746; Revised: 24-Jan-2024, Manuscript No: jmsrd-23-128746 (R); Published: 31-Jan-2024, DOI: 10.4172/2155-9910.1000430

Citation: Chan S (2024) Antibiotic Resistance Prevalence and Distribution in $T \mathfrak{X}_{i} \rightarrow \emptyset \mathfrak{W} \mathfrak{W}_{i}$ ($\mathfrak{Y} \rightarrow \mathfrak{W} \mathfrak{W}_{i}$) Pai) $\mathfrak{W}_{i} \rightarrow \mathfrak{W}_{i} \mathfrak{W}_{i}$, $\hat{\mathfrak{V}}_{i} \rightarrow \mathfrak{W}_{i} \rightarrow \mathfrak{W}_{i} \rightarrow \mathfrak{W}_{i}$, $\hat{\mathfrak{V}}_{i} \rightarrow \mathfrak{W}_{i} \rightarrow$

Copyright: © 2024 Chan S. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

ae, de, ca a a ad afestad state e ea fb. a ac ec. ...e, ad a a a aga astate e ea fa b.c e...ace.

Acknowledgment

Ne

Con ict of Interest

N e

References

- Singh JS, Pandey VC, Singh DP (2011) ^ &i∧}c •[i] {i&:[[i*æ}i•{•(€})^, dimension for sustainable agriculture and environmental development. Agric Ecosyst Environ 140: 339-353.
- Meena Nair, Peter KV (1990) Organic, inorganic fertilizers and their combinations on yield and storage life of hot chilli. Vegetable Science 17: 7-11.
- Š^{*}c, Ú, T^à; V, Øi\\æiä} Ù (2007) Ø|[iæ| æ)å -[iæi æ]]i&æä[} [] [.][æ]c *¦[,c@ promoting rhizobacteria (PGPR) to apples. J Sustain Agric 30: 119-121.

- Chen T, Niu RQ, Li PX, Zhang LP, Du B (2011) Regional soil erosion risk mapping using RUSLE, GIS, and remote sensing: a case study in Miyun Watershed, North China. Environ Earth Sci 63: 533-541.
- Chatterjee S, Krishna AP, Sharma AP (2014) Geospatial assessment of soil erosion vulnerability at watershed level in some sections of the Upper Subarnarekha river basin, Jharkhand, India. Environmental earth sciences 71: 357-374.
- Dunn BD, Dalgleish T, Lawrence AD (2006) The somatic marker hypothesis: A critical evaluation Neurosci. Biobehav 30: 239-271.
- Pæilæ Ÿ, S[`\i R (1JJ4) The phenomenon of biodiversity in conservation biology. (E}} Z[[|Ø^}] 31\5-18.
- P`ààæłå Œ (1JJ7) V@^ &[}ç^\ci[} [} ài[|[*i&æl åiç^\•irû[•], -c@ æ}}iç^\•æi^X æ general overview of the convention -Where has it been and where is it going. Tulane Environ Law J 10: 415-446.
- Š^{*}c, Ú, T^cił V, Øi\\æici} Ù (2007) Ø|[iæ|æ}åå -[iæi æ]]i&æci[} [-]|æ}c*i[,c@ promoting rhizobacteria (PGPR) to apples. J Sustain Agric 30: 119-121.
- 10. Price C, Rind D (1990) c@^ ^ ^&c [~ *|[àæ| ,æ¦ {i}* [} T

.