

6. Pemberian pakan suplemen yang mengandung probiotik dan vitamin C berpengaruh terhadap jumlah total bakteri usus *Oreochromis niloticus* yang dipapar logam berat kadmium dengan berbagai konsentrasi.
7. Pakan suplemen campuran antara probiotik dan vitamin C merupakan jenis pakan terbaik dalam meningkatkan kualitas spermatozoa dan pakan probiotik dapat meningkatkan jumlah total bakteri secara signifikan.

5.2 Saran

1. Pemberian pakan suplemen probiotik dan vitamin C dapat digunakan dalam budidaya ikan nila (*Oreochromis niloticus*) untuk meningkatkan kualitas spermatozoa ikan agar memperoleh bibit unggul dan meningkatkan hasil panen.
2. Pemberian pakan probiotik pada ikan nila (*Oreochromis niloticus*) dapat digunakan untuk menambah jumlah total bakteri dalam usus sehingga meningkatkan laju pertumbuhan ikan dan meningkatkan hasil panen.
3. Penelitian ini tidak menggunakan banyak variasi pemberian probiotik dan vitamin C. Oleh karena itu, perlu adanya penelitian lebih lanjut dengan menggunakan lebih banyak variasi pemberian probiotik dan vitamin C.

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