

Effects of potassium diformate (KDF) on growth and health of pangasius catfish in commercial ponds.

Abstract:

This study was conducted to determine the effects of potassium diformate (KDF) on the growth and health of Pangasius in commercial ponds in the Mekong Delta, Vietnam. In an 8-month commercial farm trial, 2 ponds were stocked with striped catfish with an initial average weight of 20.4 g (50 fingerlings/m²) and fed twice a day with a commercial diet containing 28% protein.

Fish in the treatment pond received a 0.2% KDF (Aquaform) containing diet compared to those in the control pond. A concentration of as low as 0.2% KDF inclusion in the commercial pellets had strong effects on the overall performance in terms of growth and feed conversion ratio (FCR), survival rate, nutrient utilization and fish productivity index (FPI).

The improved protein digestibility and nutrient uptake led to a faster harvest (19 days) of catfish.

Organism descriptor(s): Pangasius, Siluriformes

Descriptor(s): animal health, aquatic animals, aquatic organisms, diets, digestibility, feed conversion, feed conversion efficiency, feed supplements, fish culture, fish feeding, fish ponds, fish production, growth rate, liveweight gain, mortality, nutrient intake, nutrition physiology, pelleted feeds, protein digestibility, protein efficiency ratio, protein intake, survival, aquaculture

Identifier(s) :

aquatic species, death rate, fish farming, fishery production, liveweight gains, pisciculture, potassium diformate, Viet Nam Geographical Location(s): Vietnam

Broader term(s) :

Osteichthyes, fishes, vertebrates, Chordata, animals, eukaryotes, Pangasidae, Siluriformes, APEC countries, ASEAN Countries, Developing Countries, Indochina, South East Asia, Asia.

The article is quoted from the research results and data reports of well-known international researchers-hereby express our gratitude for the experimental research support of this product.

If any interests or questions, please call or email us, welcome to exchange and cooperation. More in-depth product exchange, organic acid product supplying, get more consultations:

Tel: +86-13287755638 Email: gfiyang@sina.com

Potassium Diformate, Sodium Diacetate, Calcium Formate.