Shrimp feeding management - principles and practices

Kabukiran Enterprises - Marine Shrimp Biofloc Systems: Basic Management Practices

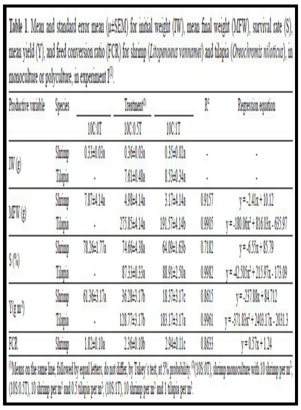

Table 1. Mean and standard error mean (μ±SEM) for initial weight (IW), mean final weight (MFW), survival rate (S), mean yield (Y), and feed conversion ratio (FCR) for shrimp (*Litopenaeus vannamei*) and tilapia (*Oreochromis niloticus*), in monoculture or polyculture, in experiment I[1].

Productive variable	Species	Treatment[2] 10C:0T	10C:0.5T	10C:1T	R^2	Regression equation
IW (g)	Shrimp	0.33±0.03a	0.36±0.03a	0.35±0.02a	-	-
	Tilapia	-	7.61±0.48a	8.53±0.34a	-	-
MFW (g)	Shrimp	7.87±4.14a	4.98±4.14a	3.17±4.14a	0.9157	y = -2.41x + 10.12
	Tilapia	-	275.85±4.14a	191.57±4.14b	0.9905	$y = -180.06x^2 + 816.03x - 635.97$
S (%)	Shrimp	78.26±1.77a	74.66±4.38a	64.09±1.63b	0.7182	y = -6.55x + 85.79
	Tilapia	-	87.33±0.33a	88.91±2.50a	0.9982	$y = -42.505x^2 + 215.97x - 173.09$
Y (g m^{-2})	Shrimp	61.36±3.17a	36.28±3.17b	18.37±3.17c	0.8615	y = -237.88x + 84.712
	Tilapia	-	128.77±3.17b	183.17±3.17a	0.9961	$y = -371.83x^2 + 2403.17x - 2031.3$
FCR	Shrimp	1.82±0.10a	2.36±0.10b	2.94±0.11c	0.8633	y = 0.57x + 1.24

[1]Means on the same line, followed by equal letters, do not differ, by Tukey's test, at 5% probability. [2](10S:0T), shrimp monoculture with 10 shrimp per m^2; (10S:0.5T), 10 shrimp per m^2 and 0.5 tilapia per m^2; (10S:1T), 10 shrimp per m^2 and 1 tilapia per m^2.

Description: -
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Shrimps -- Feeding and feeds.
Shrimp culture.Shrimp feeding management - principles and practices
-Shrimp feeding management - principles and practices
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Marine Shrimp Culture: Principles and Practices

Although some cooking of the ingredients and gelatinisation of starch occurs during the pre-conditioning and pelleting process, a pellet binder is typically included in the mixture to increase pellet durability. Use of low-pressure, high-volume air blowers can be sized to cover the needs of multiple tanks driving both airlifts and diffusers.

Shrimp feeds and feeding practices for the next millennium « Global Aquaculture Advocate

It is hoped that this column will help to dispel some of the myths and untruths surrounding the critical field of aquatic feeds and feeding in aquaculture. For possible means of disposal, please contact the Indiana Department of Environmental Management IDEM or the appropriate agency, if outside of Indiana. Seed Selection for the Cultivation of Shrimp: Selection of good quality seed for stocking into a pond is the first important step of the shrimp grow-out management.

Marine Shrimp Culture: Principles and Practices

It also helps in the prevention of seepage loss, rises arability of pond soil bottom, and supplies. Macrominerals are calcium, phosphorus, magnesium, chloride, sodium, potassium and sulfur.

Feed management of the Pacific white shrimp, Litopenaeus vannamei in India

These allow fish to consume feed whenever they desire.

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Animal tissues such as liver and muscle contain small concentrations of soluble carbohydrate in the form of glycogen, which is structurally similar to starch.

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