

CASE STUDY 2 : PERFAT RUBY 2500 ON PACIFIC WHITELEG SHRIMP, *Penaeus vannamei* - MALAYSIA



Challenge:

- A customer has the following challenge
 - To improve pigmentation of shrimp









JF Nutritech Solution: Engineered solutions to maximize value and efficiency for customer's asset.

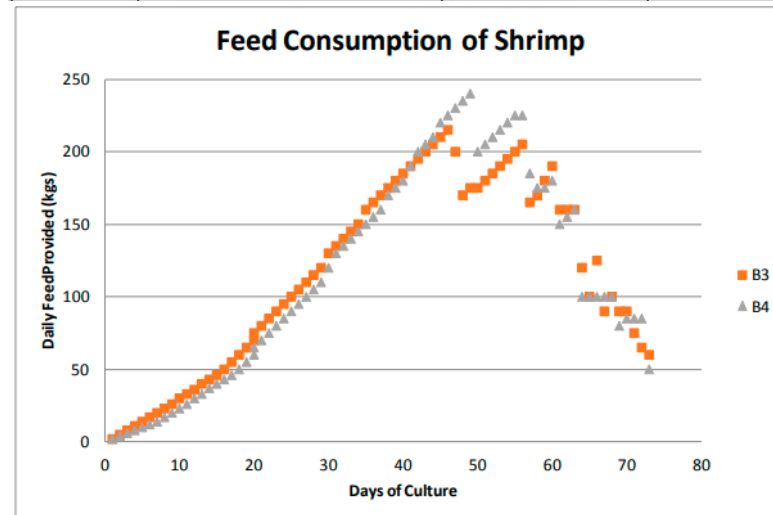
- Perfat Ruby 2500 is proposed as an organically natural supplementary solution to solve for customer's pigmentation issue
- Quantitative changes to pond produce is recorded on weekly basis

Results

- After Cooking** : Pigmentations are better – more orange-red with average quantifiable value of 28 (a precursor of the Beta-Carotene)
- Water Stability** : Water stability of ponds are improved – nutrients of feed are not leached to pond. This is a result of fine tuned vacuum coat machinery engineered specifically for Perfat Ruby 2500 with any available commercial feed
- Survivability Rate** : The total survival was 91.49% which was higher than had been estimated.
- Feed Consumption Rate (FCR)** : Feed consumption dropped on a daily basis. Growth/Body mass of shrimp is unaffected.

Improved customer margins and sell-ability

Days on PR feed	Fresh Shrimp	Cooked Shrimp	Colour Code
0			21 / 22
5			23 / 24
12			25 / 27
19			27 / 28



CASE STUDY 2 : PERFAT RUBY 2500 ON PACIFIC WHITELEG SHRIMP, *Penaeus Vannamei* - MALAYSIA



Challenge:

- A customer has the following challenge
 1. To improve pigmentation of shrimp

JF Nutritech Solution: Engineered solutions to maximize value and efficiency for customer's asset.

- Perfat Ruby 2500 is proposed as an organically natural supplementary solution to solve for customer's pigmentation issue
- Quantitative changes to pond produce is recorded on weekly basis

Results

1. **After Cooking** : Pigmentations are better – more orange-red with average quantifiable value of 28 (a precursor of the Beta-Carotene)
2. **Water Stability** : Water stability of ponds are improved – nutrients of feed are not leached to pond. This is a result of fine tuned vacuum coat machinery engineered specifically for Perfat Ruby 2500 with any available commercial feed
3. **Survivability Rate** : The total survival was 91.49% which was higher than had been estimated.
4. **Feed Consumption Rate (FCR)** : Feed consumption dropped on a daily basis. Growth/Body mass of shrimp is unaffected.

Improved customer margins and sell-ability



Tank Fed Normal Shrimp Feed



2 days after switching to PR Feed