Speed Shrimp Mobile App

The "Speed Shrimp" mobile app empowers your dreams, aspirations, and objectives by promoting sustainable economic growth.

A description of your pond's financial data and other related data is calculated for you through the Speed Shrimp mobile app.

1. As of last week, the number of shrimp alive in the culture pond.

   Calculate the number of shrimps living in the pond for the previous week. This number is based on the post-larvae you initially stocked in the pond and the number of shrimps remaining in the pond until the last week or, if you conducted partial harvests, the number of shrimps remaining in the pond until the previous week after those partial harvests.

2. Number of shrimp alive in the culture pond as of today.

   To calculate the current shrimp population in the pond, count the currently alive shrimps, starting from the number of post-larvae initially stocked in the pond and the number of shrimps remaining in the pond until today. If there were any partial harvests, count the shrimps remaining alive in the pond after those partial harvests.

3. The difference in the number of shrimps living in the cultivation pond today compared to last week.

   This shows the difference in the number of shrimps living in the pond last week compared to the number of shrimps living in the pond today. If the decrease in the number of shrimps today compared to the previous week is significant, this will allow for a closer study of the cultivation pond to identify the reason for the decrease and take necessary actions quickly.

4. The percentage of the difference between the number of shrimps living in the cultivation pond today and last week.

   This information displays the percentage difference in the number of shrimp present in the pond last week compared to the current number. This figure will accurately indicate any significant decrease in the shrimp population over the past week.

5. The value of the difference in the shrimp population in the pond over the last week is expressed as a percentage of the post-larvae stocked.

   This data illustrates the percentage change in the number of shrimps in the pond during the week compared to the number of post-larvae stocked. It helps to track the variation in the shrimp population in recent weeks and understand what percentage of the post-larvae were different. However, it's important to note that the difference in this value should not exceed a decrease of one percent and five decimals (-1.5%) weekly. If it does, it is likely to harm the final survival percentage in the pond.

6. Total weight of live shrimp in the pond so far in kg.

   This allows you to calculate the number of kilograms of shrimp living in the pond today. This value is just the weight of the number of shrimps left in the pond after that harvest if you harvested partially earlier.

7. The total weight of shrimp in the pond increased or decreased during this week in kilograms.

   During this week, the increase in the weight of the shrimp in the pond is calculated in kilograms. It's important to closely monitor this value. Suppose the shrimp's body weight doesn't increase optimally due to disease, changes in water parameters, or a decrease in shrimps. The calculated value may be very low or even harmful in that case. Therefore, it's crucial to carefully investigate whether the decrease is due to a reduction in body weight or a decrease in shrimps in the pond. By thoroughly analyzing the pond's current condition using this application and studying the provided information, it's possible to identify the cause quickly.

8. Carrying capacity of shrimp living in one square meter of the pond (the recommended maximum value for Vannamei shrimp is 1.8 kg per square meter. The recommended maximum value for Monodon shrimp is 1.4 kg per square meter).

   Although neglected by most farmers, this is an important value that should be taken into consideration during cultivation and should never be allowed to exceed the recommended maximum value. Whatever modern facilities the farmer has, whenever this value is exceeded, the cultivation becomes very risky. Before exceeding this value, a portion of the harvest should be harvested to reduce the value, or the entire pond should be harvested.

9. The amount of shrimp feed used in the pond this week.

   This calculates the amount of shrimp feed you used for the pond during this week. You can calculate this value very easily, but since it is very necessary to base that value on other complex calculations done through

this application, the calculation of that value is also done through this application.

10. The number of kilos of feed used to produce a kilo of prawns this week. (Weekly FCR).

    This value should be handled with care. Specifically, this value calculates the food conversion ratio (weekly FCR) of the pond for the current week. By comparing this value with the Final Food-Conversion Ratio (final FCR) of the pond calculated by this application, you can gain a clear understanding of the progress of the cultivation.

11. The total amount spent this week to produce a kilo of shrimp.

    This application calculates the weekly production cost for producing one kilogram of shrimp. By comparing this value with the final production cost for the entire cultivation period, you can get a very good understanding of the direction of the cultivation pond.

12. This week's total expenditure for shrimp production is for the entire pond.

    This will calculate the total amount spent for the cultivation pond this week. Also, in weeks when there is no shrimp growth, you can calculate the net loss for the entire pond for the relevant week.

13. The net profit or net loss for this week from a kilo of shrimp living in the pond as of today.

    Here is the net profit or loss for this week from a kilo of shrimp living in the pond today. If there is no or very little growth of shrimp in the pond, and the number of shrimps has decreased significantly during the week, the net loss of a kilogram of shrimp for the week can be calculated.

14. The net profit or loss of the pond from the shrimp this week.

    Here is the net profit or loss from the entire pond for the week. Furthermore, if there is minimal or no growth of shrimp in the pond and

the number of shrimps has significantly decreased during the week, the overall loss for the pond for that week can be calculated.

15. The total value of live shrimp in the pond as of last week.

   The following calculation determines the income you would have generated from the live shrimp in the pond if you had harvested the entire pond last week. This value represents the income that would have been obtained from the shrimp that were alive up until the previous week if you had harvested a portion of the harvest earlier than the number of shrimps remaining in the pond.

16. The total value of shrimps alive in the pond today.

   If you harvest the entire pond today, the income you can receive from the live shrimp in the pond is calculated here. This value only includes the income from the shrimp that have survived until today and does not include the income from any shrimp harvested earlier.

17. Expected standard average body weight of shrimp as of today.

   The following calculation determines the standard average body weight expected for shrimp in the cultivation pond today. If the pond is well-maintained, the expected average body weight of the shrimp is provided here.

18. The difference between the expected standard average body weight of the shrimp and the actual average body weight of the shrimp in the pond as of today is in grams.

   The difference between the current average body weight of the shrimp in the pond and the expected standard average body weight of the shrimp is calculated in grams. This value is crucial because it provides a clear idea about the growth rate of the pond. If the difference in average body weights keeps increasing from week to week, it is more likely to negatively impact the pond's production cost.

19. The number of days the crop is ahead or behind due to the difference between the expected standard average weight and the actual average weight.

   When the actual average body weight in the cultivation pond was different from the expected standard average body weight on the specified date, the excess or underweight in grams was converted to days using this application. Lead days reduce production costs significantly, while lag days increase production costs.

20. The net profit or loss per kg is due to the difference between the expected standard average body weight and the actual average body weight of shrimps.

   This calculates the net profit or net loss per kilogram of shrimp resulting from the variance between the anticipated standard average body weight and the actual average body weight in the culture pond.

21. The net gain or net loss from the entire pond is due to the difference between the expected standard average body weight of shrimp and the actual average body weight.

   In crops with high or low growth rates, if the actual average body weight in the cultivation pond is more or less than the expected standard average body weight for a specific date, the number of excess or underweight grams is converted to days using this application. Lead days reduce the cost of production significantly, while lag days add negative weight to the cost of production. Accordingly, based on the growth rate, the profit or loss from the entire cultivation pond can be calculated here.

22. Daily profit or loss from the pond according to the differences in shrimp growth rate.

   In cases where the actual average body weight in the culture pond is higher or lower than the expected standard average body weight on a specific date in crops with high or low growth rates, the excess or underweight in grams is converted to days using this method. Lead days contribute to a significant reduction in production costs, while lag days

result in increased production costs. Consequently, the daily profit or loss for the cultivation pond is calculated based on the growth rate.

23. Current final survival rate as of today.

    The survival rate of shrimps is calculated as a percentage of the number of post-larvae originally stocked in the pond. This percentage takes into account any shrimps that were partially harvested earlier, along with the current number of shrimps in the pond, compared to the initial number of post-larvae stocked in the pond.

24. The total amount of shrimp feed used to produce one kilogram of shrimp for the entire crop up to now (Final FCR as of today).

    The total amount of shrimp feed used for the production of one kilogram of shrimp for the entire season to date is calculated here. Although this value can be between 1.4 - 1.6 kg of shrimp feed per kg of shrimp in the production of shrimp with higher body weight, always keeping this value lower than 1.3 can achieve more profit from the cultivation pond.

25. Total amount spent for the production of one kilo of prawns for the entire crop to date.

    If you previously partially harvested, the total amount spent on the cultivation pond to produce a kilo of shrimp, including the cost of that partial harvest, is calculated here.

26. Total net profit or loss per kg of shrimp for the entire crop to date.

    If you previously harvested partially, this will calculate the net profit or net loss per kilo of shrimp from the entire pond as of today, including partial harvests.

27. Total net profit or net loss from the pond to date.

If you have previously conducted partial harvests, this app will calculate the total net profit or loss you can expect from the pond today, including those partial harvests.

28. The net profit or net loss that can be obtained from the cultivation pond today as a percentage.

Here is the net profit or loss from the shrimp pond, expressed as a percentage of your initial investment.

This application makes calculations based on the daily amount of shrimp feed given to the pond. The amount of feed given to shrimp should always be correct. The amount of feed given should always be updated by closely monitoring the feeding trays.

˜Speed Shrimp˜ analyzes all important operational information about your shrimp farm and puts it at your fingertips. With a few clicks, you can now quickly access all the data you need about the current state of your crop. You ensure maximum protection for your investment. To enjoy seamless in-depth financial analysis, visit and download the ˜Speed Shrimp˜ mobile app now on your smartphone's App Store or Play Store.

Start enjoying the benefits of happy, sustainable, and profitable farming..!