

### **Could you tell us about your team?**

Nawah is an Omani team using natural source to solve some environmental problems by natural product. We use seed of date palm and converted to liquid product to fight microorganisms which cause fish spoilage.

### **What do you produce (your product)?**

Liquid products from date palm seed (nawah).

### **What makes it special?**

The use of date palm seed is rarely and it has ability to kill small organisms that stick on fish skin without side damages.

### **Where did the idea come from?**

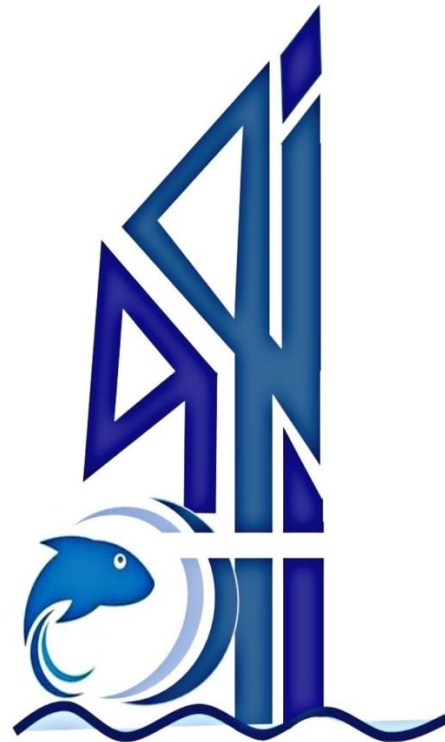
We saw that large quantities of fish were wasted due to storage that leads to corruption. This due to the long distance and high temperature in our country.

### **Why date palm seed?**

It is chemical composition and ability to kill bacteria, according to the report of some scientific source. The production of dates reached 377 thousand ton during 2019.

### **Why did Nawah Team choose to work on fish specifically?**

One of the most important source of national income, food security and is one of the most important economic activities.



**NAWAH TEAM**

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**(Our Product, extract from date palm seed.)**

**What are the types of palm used?**

Nagal, Khalas and Zabad.

**What are the types of bacteria used?**

*Pseudomonas, E-coli, Lctobacillus, Bacillus, Salmonalla, and S.aureus.*

**What are the categories that will benefit from the product?**

The Ministry of Agriculture, Fisheries Wealth & Water Resources, Omani Fish Company and fishing ports.

**What are the benefits of the products?**

Lifting economy, easy to use, reduces the percentage of fish wasted, safe on the environment, preserves fish for a long period.