

# Food for Fish and Crustacean



Aqua-  
Culture

## Description

Pellet-shaped feed for fish farming, particularly fish and crustaceans, from breeding to juvenile stage.

## Application

Aquaculture is an alternative to meet the growing demand for seafood by promoting massive development of species in suitable environments. Food is an important aspect for the success of the breed, since the diet should meet the nutritional requirements so specimens reach the size or weight of sale in the shortest time possible and at the lowest cost.

Current commercial diets have fishmeal as their main component. However such an ingredient is expensive and has some negative impacts on the environment. In the food subject matter of this invention, fishmeal is completely replaced by soy protein and Spirulina powder added with yeast proteases, cod liver oil, soy lecithin, and a mixture of minerals and vitamins, among other ingredients.

The use of this food allows the correct growing of tilapia and carp, greatly decreasing metabolic excretion of phosphorus and nitrogen, as well as the content of phosphorus in the feces of animals, resulting in an environmentally friendly product.

## Stage of Development

The complete feed formulation has been successfully tested at laboratory level in tilapia and rainbow carp.

## IP Status

Patent application No. MX/a/2012/013221

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## Market potential

Aquaculture is the fastest growing segment in fish production in Mexico, which implies a growing demand of inputs such as food at lower cost than existing.

## Transferring conditions

- ✓ Technological development agreement (optional)
- ✓ Licensing (includes front payment and royalties)



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