

SUPER NOTA

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# ACUACULTURA PRODUCTIVA

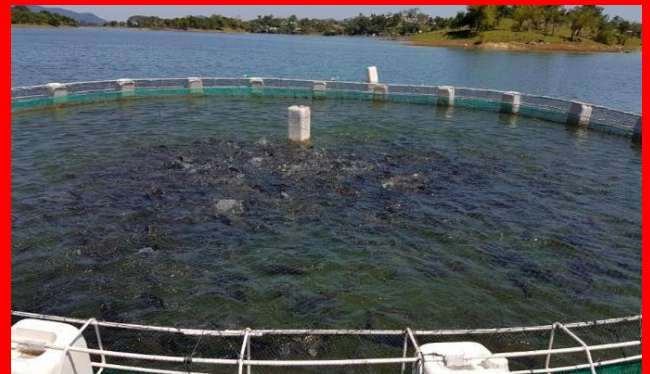
## ANTECEDENTES

La acuicultura es la actividad zootécnica de más rápido crecimiento a escala global, con tasas de expansión que se han sostenido en 6,9% en promedio, entre 1970 y 2006. El crecimiento exponencial de esta actividad en los últimos 50 años permitió pasar de menos de un millón de toneladas en 1950 a 51.7 millones de toneladas en 2006 y contribuye actualmente con el 50% de los productos acuáticos que se consumen mundialmente



La acuicultura abarca el cultivo de especies de animales y vegetales que cumplen todo o parte de su ciclo vital en el agua. Es una actividad que se practica desde hace más de 2000 años, los primeros registros datan del año 500 A.C. en China donde Fan-Li elaboró el primer tratado de piscicultura basado en el cultivo de la carpa, mientras que los romanos lo hicieron en cultivos de ostras extrayendo ejemplares de pequeña talla de la naturaleza para su engorde.

Hoy en día la acuicultura ya no solo se encuentra en Asia, sino también en todo el mundo, esto ha sido gracias a la rápida forma del crecimiento productivo, gracias a ello, se ha llegado a expandir en todas partes del mundo, trabajando de diferentes maneras, desde explotaciones pequeñas hasta grandes explotaciones.



## VENTAJAS

La acuicultura brinda grandes posibilidades de explotación debido a la existencia en todo el mundo de cientos de millones de hectáreas de aguas aptas para su desarrollo, de las cuales utilizando sólo un 10% se obtendría el doble de la captura por pesca que se extrae actualmente.



the fact that the *de novo* synthesis of cholesterol is inhibited by the presence of dietary cholesterol. The effect of dietary cholesterol on cholesterol synthesis is mediated by the regulation of HMG CoA synthase, the rate limiting enzyme in cholesterol synthesis.

There is a direct relationship between the amount of cholesterol in the diet and the amount of cholesterol synthesized *de novo*. The amount of cholesterol synthesized *de novo* is inversely related to the amount of cholesterol in the diet.

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