

# The Tilapia

Probably some points you never know about



## About Tilapia

1. Tilapia has become the 2<sup>nd</sup> most important fish farmed globally and next to Salmon. The “top 10 list of most consumed species” in USA indicates its critical position in the seafood market.

Consumption figures for American Top 10 seafoods from 1990 to 2001

Rank Specie	1990		1995	1998	1999	2000	2001	
	pounds						pounds	
(Canned)Tuna	1	3.70	1	1	1	1	2	2,900
Shrimp	2	2.20	2	2	2	2	1	3,400
Cod	3	1.38	5	6	6	6	6	0.557
Pollock	4	1.27	3	3	4	3	4	1.207
Salmon	5	0.73	4	4	3	4	3	2,023
Catfish	6	0.70	6	5	5	5	5	1,147
Clams	7	0.61	7	8	8	7	7	0.465
Flatfish	8	0.57	9		9	9	9	0.387
Scallops	9	0.30	N/A	N/A	10	10	N/A	
Crabs	10	0.29	8	7	7	8	8	0.437
Oysters		N/A	10	10	N/A	N/A	N/A	
<b>Tilapia</b>		N/A	N/A	N/A	N/A	N/A	10	0.346

\* Source quoted from : World Catch 2002.8.31

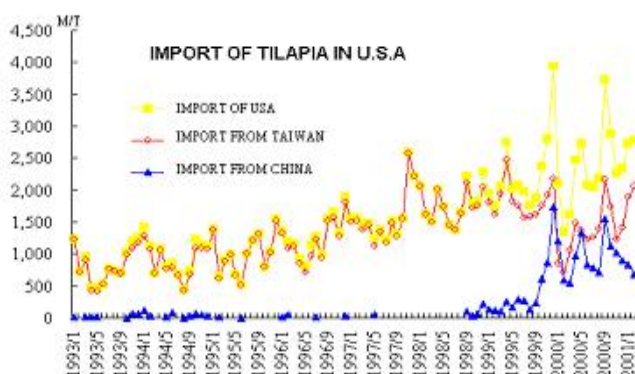
2. Tilapia is historically known to have existed in Egypt.

With the fertility and the behavior of mouth hatching eggs of Tilapia, ancient Egyptian interpreted Tilapia as the fertile kind of organisms. In Egyptian art, the Tilapia thus magically symbolized the renewal of life.



The photo is the replica of Egyptian Fish collection in **METROPOLITAN MUSEUM OF ART, New York**  
[www.metmuseum.org](http://www.metmuseum.org)

3. Six decades ago, two Taiwanese introduced 13 tails of the original Tilapia (*Oreochromis mossambica*) to Taiwan and seeded the later appearance of the era of Tilapia culture in Taiwan. Taiwan is now successfully exporting numerous Tilapia yearly to many other countries in the world. Being an active pioneer, Taiwan exploited the Tilapia market in USA during 1999s.



4. Not only do such supermarkets as Kroger, Publix, Winn-Dixie and Stop and Shop carry tilapia, but a lot of restaurants ( including McCormick & Schmick's , Red Lobster and Bahama Breeze etc.) also serve Tilapia as main food on their menu.  
 ( referring to [http://www.redlobster.com/create/menu\\_din.asp](http://www.redlobster.com/create/menu_din.asp) )

5. Various recipes of Tilapia : ( the photos source from the recipes of Mountain Stream Tilapia fillet)



6. Tilapia is the first fish species accepted in the ecosystem experiments in NASA.  
<http://www.nasa.gov/>

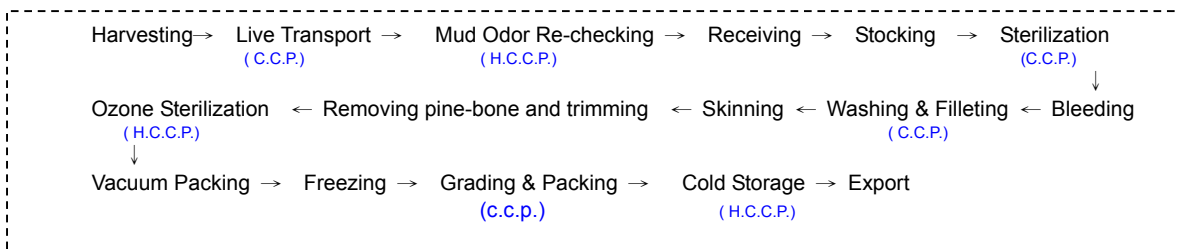
7. Tilapia is ECO-LABLE!

According to the report released by the Environmental Defense's Alliance for Environmental Innovation which examines the seafood business, Tilapia is one of the best candidate for being environmental friendly and sustainable.  
 ( [www.environmentaldefense.org/alliance](http://www.environmentaldefense.org/alliance) for "Business Guide To Sustainable Seafood" )

## About HANAQUA

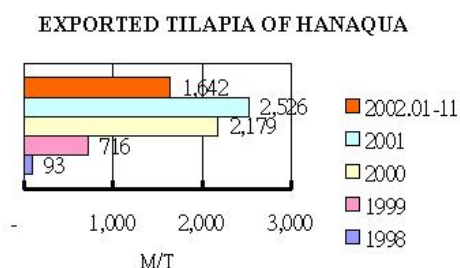
HANAQUA has worked hard on Tilapia with following highlights :

1. The standard procedures of Tilapia process applied by HANAQUA with HACCP :



and now HANAQUA is trying to apply 6-sigma system into the processing and serving process system.

- Offered consultant service for Tilapia hatching in 1992.
- Has exported around 7200 MT of Tilapia from 1998-2002.11



**4. Arrangement is being made by HANAQUA to culture Eco-tilapia in China.**

**The related codes are stipulated as the followings:**

- No introduction of the exotic species that is not compatible to the local ecology
- Preferable use of the fry from artificial propagation
- Conditional use of transgenic species
- Conditional use of any GMO raw material either from land or water
- Minimize the use of the protein from aquatic animal
- Optimum digestion and the control of N-P content of the feed
- Compatibility with community needs
- Human handling over the fishes

**5. Sought for the possibilities of Tilapia culture in Sudan & Uganda.**



( survey in Sudan, 2002.08 )



(survey in Uganda, 2002,03)

**6. Inputting efforts on improving the growth of Tilapia by means of genetic selection.**



For more information, please visit HANAQUA's web site ( [www.hanaqua.com](http://www.hanaqua.com) ) or contact :

**Importer :**

**Seven Seas Seafoods Inc.**

901 S. Fremont Ave, Suite 168 Alhambra, California 91803, USA

Tel: +1-626-570 9577

Fax: +1-626-570 9129 . 570-0309

email : [chris-l@pacbell.net](mailto:chris-l@pacbell.net)



**Representative :**

**Providence Bay Fish Company**

189 Briarwood Drive Wakefield, Rhode Island 02879 USA

Tel: +1 401 789 0900

Fax: +1 401 789 5002

email: [mvincent@providencebay.com](mailto:mvincent@providencebay.com)



**HANAQUA**

**HANAQUA TECH INC.**

TEL : 886-7-5570119

FAX : 886-7-5577292

E-MAIL : [hanaqua@ms11.hinet.net](mailto:hanaqua@ms11.hinet.net)

Web : [www.hanaqua.com](http://www.hanaqua.com)

Add. : 14F, #190, MIN-CHENG 2<sup>ND</sup> RD., TSO-YING DIST.,  
KAOHSIUNG 813, TAIWAN