

Rainbow Trout

(farmed)



Biology facts

Depth Range	benthopelagic, anadromous 0-200 m
Max Age	11 years
Maturity Age	2-5 years
Max Size	120 cm
Max Weight	25.4 kg
Prey	aquatic and terrestrial insects, mollusks, crustaceans, fish eggs, minnows, and other small fishes
Other	Distribution: Southwest Atlantic: Argentina. Eastern Pacific: Kamchatkan Peninsula and have been recorded from the Commander Islands east of Kamchatka and sporadically in the Sea of Okhotsk as far south as the mouth of the Amur River along the mainland.

Fishery Facts

Latin Name	<i>Oncorhynchus mykiss</i>
Fishing Method	aquaculture in freshwater or marine cages
Annual catch	550 473 t (FAO 2006)
Main fishing nations	Chile, Norway, France, Italy, Spain, Denmark, USA, Germany, Iran and UK
Certification	Naturland

Important Facts

- Eggs are artificially spawned from high quality brood fish and fry are raised in hatcheries.
- There is a risk of escapes but the species is stocked by fishermen in many rivers in Europe. Self-reproducing populations are rare, only 11 in Norway,

Spendenkonto

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and „a few“ in Denmark and Sweden. There seems to be little genetic effect (other than through ecological competition) on European salmonids because of a general difference in spawning time.

- Escapes are competing with native salmonids for food and habitat. *Oncorhynchus mykiss* often spawn in the spawning areas of brown trout (*Salmo trutta*) and Atlantic salmon (*Salmo salar*) and many destroy the eggs of the native trout and salmon (Jonsson 2006).
- Most contributors agree that fish meal and fish oil (FMFO) represent a limiting factor to finfish aquaculture growth. A number of NGOs, public authorities but also economic operators associate their contribution on FMFO availability with concerns about the need to ensure sustainability of industrial fisheries or other environmental aspects of feeding FMFO to farmed fish (e.g. competition with prey stocks of natural predators).

Main Sources

<http://www.blueocean.org/seafood/species/16.html>

http://ec.europa.eu/fisheries/cfp/governance/consultations/consultation100507_overview_en.pdf

http://www.fao.org/fishery/culturedspecies/Oncorhynchus_mykiss

http://www.fao.org/fishery/countrysector/naso_denmark

http://www.fishonline.org/search/simple/?fish_id=78&q=rainbow+trout&search=Search

http://www.frammandearter.se/0/2english/pdf/Onchorhynchus_mykiss.pdf

<http://www.naturland.de/oekologischeaquakultur.html>

http://www.nobanis.org/files/factsheets/Onchorhynchus_mykiss.pdf

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