



● *Crassostrea gigas*, *C. rivularis*

來源地: 中國

一般出售方式: 活蠔及冰鮮蠔，原隻出售

養殖方法: 懸垂線或垂直短混凝土塊

貝類養殖環境

由於在養殖場中的蠔密度較在自然環境高，故較容易傳播疾病和寄生蟲。

飼料

蠔是濾食性生物，可以從水中得到食物，無需餵飼。

蠔苗來源

蠔苗來自中國的人工孵育場。

對環境的影響

浮游生物在海水中吸取大量養分，被蠔吃掉後有助減低海水污染。但若養殖數量過多仍會污染環境。中國養殖的蠔並非外來品種，不構成外來品種入侵的風險。

海產養殖管理

在中國，養蠔場只能在指定的地方設立，而且必須獲得當局認證，方可出口養殖蠔類。養蠔場多由當地人經營，故能惠及當地社群。中國有法例規管海洋品種的養殖，但須加強執法，才能更有效規管養蠔場的潛在影響。

摘要

中國的養殖戶用懸垂線，或在潮間帶插放垂直短混凝土塊的方法養殖蠔。蠔能在水中吸取食物，無需餵飼，蠔苗多來自人工孵育場。然而，養殖場的運作可能影響環境，包括飼養數量過多，導致排泄物污染水質。目前的養殖管理措施理論上有效，但落實工作仍有改善空間。



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Origin: China

Mainly sold as: Live and fresh whole oyster

Culture method: Vertical hanging lines or short vertical concrete stones

Condition of the farmed shellfish

Oysters are stocked much more densely in farms than in the natural environment and this allows diseases and parasites to spread easily.

Feed

Oysters are filter feeders and obtain food from the water column therefore no feed is needed.

Source of fry

Oyster seedlings come from artificial hatcheries in mainland China.

Impacts on the environment

Plankton consume excessive nutrients in seawater and by consuming plankton oysters can help reduce seawater pollution. However, farming too many oysters can still pollute the surrounding environment. As the oyster species that are farmed in China naturally occur there, there is no risk of introducing exotic species.

Mariculture management

Fish farms can only be set up in certain designated places in China and producing oysters for export requires certification from the relevant authorities. Farms are owned by locals, so the industry is beneficial to local communities. There are regulations governing the farming of marine species in mainland China but the potential impact of farming could be better addressed if enforcement were tightened.

Summary

Oysters are cultured in vertical hanging lines or by the insertion of short vertical concrete stones in tidal zones in mainland China. No feed is required to farm oysters as they can obtain food from the water column, and oyster seedlings come from artificial hatcheries. Nevertheless, farms may have an impact on the environment, including pollution from faeces caused by stocking too many individuals. The current farming management measures are theoretically effective, but enforcement could be better.