

# Main Aquaculture Products in Miyagi

# Mariculture

This branch of aquaculture involves placing a raft in calm seawater by the shore, installing a tank, and raising and cultivating fish, shellfish, and seaweed. In Miyagi, laver, oysters, coho salmon, seaweed, kelp, sea squirts, and scallops are farmed using this method.

# Pacific oyster (magaki)



#### Aquaculture Stewardship Council Certification

As a result of the recent focus on sustainable marine resources, the Aquaculture Stewardship Council (ASC) certification system was established to recognize aquaculture and seafood producers that take the regional society into consideration while minimizing the burden on the environment. In Miyagi, oyster farming in Minamisanriku Town and Ishinomaki City has acquired ASC certification, thus raising expectations that Miyagi oysters will be able to enter new markets.

#### Feb | Mar | Apr | May Aug Sep | Oct | Nov | Dec Production season

Also called "the milk of the ocean," oysters are particularly flavorful from winter to spring and are rich in glycogen (a type of nutrient). The history of oysters in Miyagi is long, dating back to approximately 300 years ago when cultivation first began in Matsushima Bay. Miyagi oysters are known for primarily being distributed to be eaten raw. Additionally, since a stable supply of seed oysters is available in Miyagi, seed oysters are distributed from Miyagi to other producers throughout the entire country.



Oyster hot pot Also includes vegetables and tofu. Best when served in winter, when oysters are in season.



soy sauce Also pairs well with butter and soy sauce.



Oysters with shell

Feb

Jan



# Coho salmon (ginzake)



## First Registered Geographical Indication (GI) Product in Miyagi $\sim$ Miyagi salmon $\sim$

"Miyagi salmon" is a high-class brand of coho salmon that has been killed using the "ikejime" method. In May 2017, it became the first marine product in Miyagi to become GI-registered. By using the ikejime method on Miyagi salmon as soon as they are caught, the delicious flavor of the fish is retained. With its beautiful pink appearance, rich fat content, and depth of sweet and savory flavor, Miyagi salmon is well-regarded as an excellent choice for sashimi.

In 1975, farming of coho salmon began in Shizugawa Bay and has since spread to the central northern region of the prefecture. Miyagi is the largest producer of coho salmon in Japan and accounts for 90% of total domestic production. The juvenile are raised in freshwater farms and moved to the ocean in the fall when they have grown to about 200g. From there, the salmon grow rapidly and begin to be shipped out by spring the following year when they are around 1kg. By early summer, they typically weigh 2-3kg.

Jul

Aug



Sashimi Coho salmon are in season in the summer. Mivagi salmon is fatty and fresh, making it perfect as sashimi.

Apr May Jun

Production season



Temarizushi You can eat this sushi with one hand. Due to its elegant appearance, it can also be served at parties.

Dec

Nov



Logo of Miyagi salmon and GI mark



Miyagi salmon sashimi

\*GI is the name given to agricultural or marine products that have been produced in a certain region for a long time, are high-quality, and can be linked back to their geographical origin. GI-registered products are recognized as regional brand products and are protected as intellectual property by the national government.

# Laver (nori) Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Production season

Feb Mar Apr

Production season

May

Mar Apr May Jun

Jun



In Miyagi, nori cultivation began in Kesennuma Bay during the Edo period and eventually spread to the central and southern regions of the prefecture. By around 1955, advances in artificial seeding and farming techniques led to open sea nori farming and an overall dramatic increase in nori production. Nori processing is now mainly automatized, allowing for the production of uniformly delicious dried nori.



### Rice ball

A simple dish made by wrapping ingredients in rice and nori. Enjoy the pleasant scent of nori.



#### Temakizushi

You can choose ingredients like tuna, place them on rice, and wrap them into sushi.

# Seaweed (wakame)



In 1956, with the successful start of mass sporeling production, wakame cultivation using longlines began in Onagawa Town. Wakame cultivation is now a major industry in all coastal areas north of Oshika Peninsula, with Miyagi ranking second after Iwate in domestic production.

Jan



Aug

Sep

Jul

# Wakame shabu-shabu hot pot

Oct

Dec

Nov

Dipping raw wakame into the stock turns it to a vivid green. Enjoy the crisp texture!



Jul

Production season

Production season

#### Wakame pasta

You can also enjoy wakame in soy-sauce flavored, Japanese style pasta.

Nov Dec

# Sea squirt (maboya)



Cultivation of sea squirts, which takes place in all coastal areas north of Oshika Peninsula, takes 3 to 4 years from seeding to harvest. Seed collection takes place from December to January, and harvesting takes places from the beginning of spring through summer. In Miyagi, sea squirt also named sea pineapple for its prickly appearance. Sea squirt, which are in season during the summer, are delicious when served as sashimi, with vinegar dressing, or as a processed delicacy.

Jan Feb



Aug

### Steamed

Sep Oct

Cut in half while still shelled and then steamed with sake, this method highlights its unique taste.



## Stir-fried in garlic oil

The sea squirt is also delicious when cooked. Perfect for those who don't like raw seafood.

## Scallop (hotategai)

Considered the southernmost limit for scallop cultivation, Miyagi is the largest producer following Hokkaido and Aomori. Primarily cultivated through ear-hanging, scallops grown in the nutrient-rich Sanriku coast are large and plump. Considered to be of high quality, Miyagi scallops are in demand to be used raw in dishes.

Jan | Feb | Mar | Apr | May | Jun



## Grilled with butter

Jul Aug Sep Oct Nov Dec

Seasoned with butter and soy sauce, the savory taste of scallops pairs well with butter.



Aug

## Scallop salad

Scallops also pair perfectly with vegetables. Any type of dressing works well.

Oct

# Kelp (makombu)



While Hokkaido may be famous for kelp, Miyagi has also been cultivating it since 1965, mainly in Kesennuma Bay and Matsushima Bay. Miyagi kelp is known for its soft leaves, making it perfect to be served sliced or in oden.

Feb

Jan

Mar

Apr

May

Production season



Jul

### Kobu-maki

Fish such as salmon or saury are wrapped in kelp and simmered in sweet seasoning. This dish is common in traditional Japanese New Year food.

Nov

Dec



## Oden

Sep

The kelp is wrapped into a knot before being simmered in oden, a hot pot dish. The savory flavor of kelp enhances the flavor of the broth.