

# Feeding Koi and other pond fish correctly



**Colorful and  
healthy with the  
correct food**





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# Feeding pond fish correctly



Pond fish make a pond not only a great eye catcher but also provide useful support concerning pond care. Goldfish, Koi and others regulate algae growth, prevent undesired spreading of plants as well as certain small organisms such as snails and insects (including larvae) becoming a pest. A suitable number of fish thus not only ensures a pond largely free from mosquitoes but also plants being supplied with important nutrients.

Feeding the pond fish with high quality food is indispensable due to the limited nutrient supply in the pond habitat. Since only fish that are supplied with all important nutrients will develop strongly, display their magnificent

coloration and are less sensitive towards diseases, choosing the pond food is a very important factor.

When developing the **sera** pond and Koi food, we take particular care in considering the requirements of the fish during their different development stages and supply them optimally throughout the year. Our food therefore contains a high amount of vitamins, minerals and trace elements that support healthy growth, liveliness and splendid colors of these amiable pond inhabitants. **sera** pond and Koi food provides pond keepers with a range of high quality food close to nature for feeding pond fish including Koi optimally.





The natural, seasonal nutrient supply in a pond provides tasty variety for the fish but is not sufficient for healthy and strong development. Since pond fish have different requirements according to their development stadium and fish species, it is very important for sera to develop food that provides the fish optimally with everything they need and thus strengthens growth and disease resistance.

Pond food by sera excellently takes care of your fish throughout the year.



#### **sera Pond Flakes Nature – the flake food for smaller pond fish**

The staple food consisting of carefully processed flakes for all smaller pond fish such as goldfish, bitterlings and for juvenile fish is excellently suited for feeding throughout the year. The harmonic composition ensures the fish are optimally supplied with vitamins and minerals, and thus supports healthy growth, liveliness and disease resistance.



#### **sera Pond Granulat Nature – the granulated food for bigger pond fish**

The floating granules keeping their shape are the ideal staple food for all bigger pond fish such as Koi and big goldfish. The balanced composition optimally covers the requirements in vitamins, minerals, carbohydrates, unsaturated fatty acids and proteins, and thus supports healthy development and disease resistance.





## **sera Pond Mix Royal Nature – the blend for small and big pond fish**

The balanced blend of flakes, granules and whole Gammarus is the ideal staple food for ponds with various fish. While the small ones eat the flakes, the bigger ones can choose from three savory granules. The tasty Gammarus rich in minerals are a special treat.

## **sera Pond Color Sticks Nature – the color food for magnificent pond fish**

The wholesome granules with Krill support the optimal development and separation of the colors, and are particularly easy to digest. The balanced composition rich in omega fatty acids, vitamins, trace elements and minerals optimally supports healthy development, strong disease resistance and liveliness.



## **sera Pond Sticks Energy Plus – extra energy**

The floating pellets remain stable in water and are rich in energy. They are the ideal addition to natural nutrition the pond fish find during the summer months at water temperatures above 17°C (63°F). Other types can be additionally fed occasionally for optimal growth support and color development.



## **sera Koi Sticks Energy Plus – the energy plus**

At water temperatures above 17°C (63°F), the floating pellets with valuable Spirulina algae for Koi and other pond fish perfectly add to natural nutrition occurring in the pond. Other types such as **sera Koi Color Nature** or **sera Koi Professional Spirulina Color Food** can occasionally be fed as an addition for optimal support of the colors and healthy growth.



# Food for goldfish, shubunkins etc.

sera goldfish food especially considers the requirements of these beautiful and tame coldwater fish and is suited for feeding throughout the year. They not only effectively prevent fattening problems and the resulting organ damages, but additionally support shining colors.



## **sera Goldy Nature – the flake food for smaller goldfish and other coldwater fish**

The easily digestible staple food consisting of floating, gently manufactured flakes contains carefully selected herbal and animal ingredients that support healthy growth as well as the liveliness of the fish.



## **sera Goldy Gran Nature – the granulated food for bigger goldfish and other coldwater fish**

Due to its high quality ingredients such as insect meal, the staple food consisting of floating granules for goldfish is particularly easily digestible, strengthens the immune system and provides even very fastidious fancy variants with all required nutrients.



## **sera Goldy Color Spirulina Nature – the color food for goldfish and other coldwater fish**

The excellently digestible color food consisting of floating granules with a particularly high amount of Spirulina algae supports color formation and development as well as disease resistance of the goldfish.







# Food for Koi

A particularly balanced ingredient composition meeting the requirements of Koi and supporting healthy development and strong disease resistance is considered during the development of sera Koi food throughout the year.

## sera Koi Royal Nature – the staple food for all Koi

The easily digestible granules with sustainable insect meal support the healthy development and disease resistance of Koi of all sizes due to valuable ingredients such as omega fatty acids and immune stimulating mannan oligosaccharides.

- Mini:** For the optimal development of Koi up to 12 cm (5 in.).
- Medium:** For appropriate growth of Koi between 12 and 25 cm (5 to 10 in.).
- Large:** For a long, healthy life of Koi above 25 cm (10 in.).



## sera Koi Color Nature – the color food for all Koi

Due to Gammarus, Krill and a Spirulina percentage of 10%, this wholesome color food optimally supports color development, growth and liveliness, and optimally provides the Koi with all required nutrients.

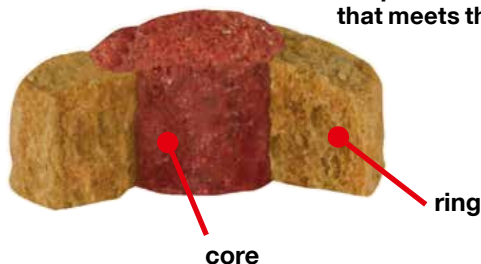
- Mini:** For the optimal color development of Koi up to 12 cm (5 in.).
- Medium:** For colorful, lively Koi between 12 and 25 cm (5 to 10 in.).
- Large:** For long-lived, colorful Koi above 25 cm (10 in.).



# Professional Koi food

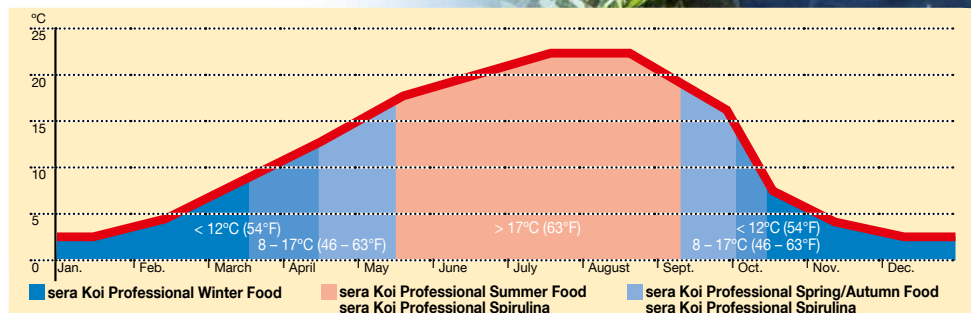
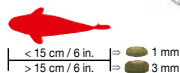
Feeding according to seasonal changes is essential for making Koi shine with lush, intense colors and a well proportioned body shape throughout the year. The sera Koi Professional range provides unique food, developed by the sera research department, that meets the

nutritional requirements of the Koi concerning size, temperature and season. The unique co-extrusion process allows combining differently treated raw materials. While the ring contains high quality, particularly easily digestible raw materials that relieve metabolism, the core consists, among others, of essential vitamins, minerals and trace elements that ensure healthy growth and a strong immune system.



## sera Koi Professional Spirulina Color Food – for brilliant color depth and silky gloss

Due to a particularly high amount of Spirulina rich in carotene and Haematococcus algae rich in astaxanthene, the color food ensures unique color depth along with clear separation of the color zones and silky gloss.





# Optimal care throughout the seasons

## sera Koi Professional Spring/Autumn Food – the easily digestible food

The particularly easily digestible food allows Koi to start into the year lively or optimally prepare for winter at temperatures below 17°C (63°F).



< 15 cm / 6 in. → 1 mm  
> 15 cm / 6 in. → 3 mm



## sera Koi Professional Summer Food – for the extra energy portion

The high quality summer food supports strong and healthy growth and optimal energy supply due to a balanced protein/fat ratio at temperatures above 17°C (63°F).



< 15 cm / 6 in. → 1 mm  
> 15 cm / 6 in. → 3 mm

## sera Koi Professional Winter Food – the special food for the winter months

At temperatures below 12°C (54°F) the Koi swimming at the bottom as well as other valuable pond fish are reliably provided with easily accessible energy by the sinking food with its reduced carbohydrate percentage and the particularly high omega-3 fatty acid percentage.



φ 2 mm



# Koi Snacks and complementary feeds



## sera Koi Snack Nature – your Koi will eat from your hand

The nibbling sticks allow particularly close contact with the animals. With a little luck and patience, the Koi will also eat other food types from your hand once they are familiar with it.



## sera Koi Silk Worm Nature – the natural treat for Koi

The natural power snack for the warm season consists of 100% gently dried silk worm pupae and supports healthy growth and splendid appearance due to its high protein amount and the particularly high percentage of omega fatty acids.



## sera Koi Multivitamin – extra vitamins for more liveliness

When dripped onto the food, these multivitamin drops effectively and safely add all essential vitamins to the food, close possible supply gaps and prevent deficiencies. Application is particularly useful during stress situations, in case of a disease, for juvenile animals and for supporting breeding.



# Special food

sera Koi All Seasons Probiotic is the probiotic food for the whole year that ensures a strong immune system and strong, balanced growth. *Bacillus subtilis* attached to the food in a particularly gently process is proven to stabilize the intestinal flora of the Koi, and due to more efficient food utilization ensures reduced water pollution. The food should be fed continuously or at least several times per week (at water temperatures above 8°C / 46°F) for an optimal effect.

## sera Koi All Seasons Probiotic – for healthy, strong Koi

The co-extruded high performance food for Koi above 15 cm (6 in.) effectively supports the development and health of the fish, and reduces water pollution.



## sera Koi Junior All Seasons Probiotic – for healthy, strong juvenile Koi

The probiotic food for Koi up to 15 cm (6 in.) stabilizes the intestinal flora and lastingly supports the healthy development of the juvenile animals. They grow quicker, become ill less frequently, and the water remains cleaner.



sera Pond Insect Nature is characterized by a particularly sustainable food concept. 100% of the animal protein are provided by insect meal produced in an environmentally friendly way. This resembles the natural diet of ornamental and biotope fish.

## sera Pond Insect Nature – the sustainable biotope food

The slowly sinking granules with sustainable insect meal and rapeseed oil is excellently suitable for a balanced diet close to nature of biotope fish as well as of goldfish and smaller Koi.



# Food for sturgeons and other carnivorous pond fish

The functional food for smaller and bigger sturgeons optimally meets the feeding habits of sturgeons as it sinks down immediately and keeps its shape for an extremely long time. High quality ingredients with plenty of easily digestible aquatic protein, omega fatty acids, minerals and vitamins support the proper development and liveliness of these carnivorous pond fish.



## **Sera Sturgeon Pellets Nature**

### **– the sturgeon food for smaller sturgeons**

The ingredients, size and structure of this quickly sinking granules meet the requirements of sturgeons up to approx. 40 cm (16 in.) and support their proper growth and liveliness.

50% Protein



© Kom - shutterstock.com



## **Sera Sturgeon Chips XXL Nature**

### **– the sturgeon food for bigger sturgeons**

The quickly sinking chips for sturgeons above 40 cm (16 in.) cover the high energy requirements, strengthen disease resistance and support a long, healthy life.






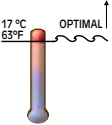



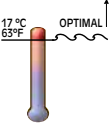


43% Protein



# Systemic feeding

sera provides food perfectly matching body size, requirements and feeding habits for every pond fish. A look at the categories and labels immediately tells you which special function the food has, for which water temperatures and which fish size the food is intended. This makes choosing the correct food for your fish very easy.

## Nature food for all pond fish










Staple food	Color food	Energy food
<b>Pond Flakes</b>  	<b>Pond Color Sticks</b>  	<b>Pond Sticks</b>  
<b>Pond Granulat</b>  		<b>Koi Sticks</b>  
<b>Pond Mix Royal</b>  		



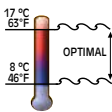

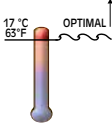

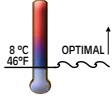

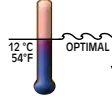

## Goldfish food

Staple food	Color food
<b>Goldy</b>  	<b>Goldy Color Spirulina</b>  
<b>Goldy Gran</b>  	

## Koi food

Fish size	Staple food	Color food
	<b>Koi Royal Mini</b> 	<b>Koi Color Mini</b> 
	<b>Koi Royal Medium</b> 	<b>Koi Color Medium</b> 
	<b>Koi Royal Large</b> 	<b>Koi Color Large</b> 

## Koi Professional food

Temperature	Staple food	Color food
	<b>Spring/ Autumn Food</b> 	
	<b>Summer Food</b> 	 <b>Spirulina Color Food</b> 
	<b>Winter Food</b> 	



## Treats



**Koi  
Snack**



**Koi  
Silkworm**



## Special food

**Growth food**



< 15 mm / 6 in.

**Koi  
All Seasons  
Junior**



> 15 mm / 6 in.

**Koi  
All Seasons**



**Insect food**



**Pond Insect  
Nature**



## Food for sturgeons and carnivorous pond fish



**Sturgeon  
Pellets**



**Sturgeon  
Chips XXL**





# **sera** Nature

*With  
natural  
ingredients*



Insect meal from soldier flies as a sustainable protein source



Krill rich in carotenoids for a natural color development



Natural Spirulina with high percentages of herbal protein and carotenoids



Protein and mineral substance source rich in trace elements and carotenoids

- ✓ Free from dyes
- ✓ Free from preservatives
- ✓ Easily digestible

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 **sera**<sup>®</sup>  
*We Love Fish*

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