



KOI CARE

Your Kloubec Koi are Healthy and Happy pets that can provide many years of enjoyment! Koi can live in home ponds for over 50 years! Here are some suggestions on how to care for them.

BRINGING YOUR NEW KOI HOME

KLOUBEC RECOMMENDS THAT YOU QUARANTINE EVERY NEW KOI FOR AT LEAST TWO WEEKS. FLOAT THE SEALED BAG OF KOI IN YOUR QUARANTINE TANK OR POND IN THE SHADE FOR AT LEAST 15 MINUTES, OR UNTIL THE WATER TEMPERATURE INSIDE THE BAG IS WITHIN 2-4 DEGREES OF THE NEW WATER TEMPERATURE. **KEEP OUT OF THE DIRECT SUN!** HEAT TRANSFERRED BY THE PLASTIC BAG CAN KILL YOUR KOI VERY QUICKLY!

- ✦ OPEN THE BAG AND FOLD IT DOWN, THEN REACH IN WITH YOUR BARE HANDS AND LIFT THE KOI OVER THE EDGE OF THE BAG INTO THE NEW WATER. DO NOT POUR THE FOULED WATER INTO YOUR SYSTEM. REMOVE THE BAG AND DISCARD THE FOULED WATER.
- ✦ DO NOT FEED YOUR KOI FOR 2 DAYS. THEIR INTERNAL ORGANS NEED TIME TO ADJUST TO ALL OF THE CHANGES. FEED ONLY ONE BRAND OF KOI FOOD IF POSSIBLE.
- ✦ YOUR KOI HAVE BEEN RAISED ON [KLOUBEC PLATINUM KOI CUISINE](#) SINCE BIRTH HERE ON THE KLOUBEC KOI FARM. JUST LIKE OTHER PETS, SWITCHING DIETS CAN BE DISRUPTIVE TO THEIR BODY FUNCTION. FEED [KLOUBEC PLATINUM KOI CUISINE](#). IT IS A COMPLETELY BALANCED KOI DIET.
- ✦ KOI ARE COLD BLOODED AND THEIR METABOLISM IS DEPENDENT ON THE WATER TEMPERATURE. DO NOT OFFER KOI FOOD IN WATER TEMPERATURES BELOW 50 DEGREES. FEED LIGHTLY WITH [KLOUBEC PLATINUM KOI CUISINE WHEAT](#) IN TEMPERATURES BETWEEN 55 AND 65 DEGREES. FEED HIGH PROTEIN [KLOUBEC PLATINUM KOI CUISINE](#) IN WATER TEMPERATURES OVER 65 DEGREES.

KOI HATE CHANGE!

- ✦ KOI CAN ADAPT TO NEARLY ANY PH, WATER HARDNESS OR WATER TEMPERATURE – BUT SHARP CHANGES IN WATER PARAMETERS STRESS THE KOI. STRESS CAN CAUSE YOUR PETS TO SUCCUMB TO PARASITES OR DISEASE.
- ✦ LOW OXYGEN LEVEL ALSO STRESSES KOI. LARGER VOLUMES OF WATER HAVE MORE STABLE PARAMETERS. COLDER CLIMATES SHOULD HAVE DEEPER PONDS, 4-6 FEET MINIMUM. SHADE IS IDEAL TO KEEP TEMPERATURES MORE CONSISTENT. ONLY CHANGE A SMALL AMOUNT OF WATER AT A TIME TO REDUCE TEMPERATURE FLUCTUATIONS.
- ✦ KOI ARE CURIOUS. IF YOU STEP INTO A KOI POND THE KOI WILL SWIM TOWARDS YOU TO SEE WHAT'S NEW IN THEIR ENVIRONMENT. KOI ARE PLAYFUL. MOST CAN BE TRAINED TO HAND FEED, AND MANY LIKE TO BE PETTED.

KEEP YOUR POND CLEAN!

- NO LEAVES, DEBRIS OR PLANT MATTER SHOULD ACCUMULATE ON THE POND BOTTOM. BOTTOM DRAINS WILL MOVE KOI WASTE TO THE FILTER.
- DO NOT USE ANY PESTICIDES NEAR THE POND, OR ANY PLACE WHERE WATER COULD WASH PESTICIDES INTO THE POND. A RAISED POND EDGE IS VERY HELPFUL.
- SLUDGE BUILD-UP CAN BE TREATED USING [AQUA-MEDS SLUDGE REMOVER](#) ONCE A WEEK, BUT FILTRATION IS THE KEY.

WATER:

- ALWAYS ADD A CHLORINE REMOVER SUCH AS [ULTIMATE](#) BEFORE YOU ADD CITY WATER TO YOUR POND. USE [ULTIMATE](#) FOR EVERY WATER CHANGE.
- PH SHOULD BE ABOVE 7, AND UP TO 9. USE [TRANS PH METER](#) TO SIMPLY CHECK YOUR PH.
- HARD WATER IS GOOD!
- NEVER LOWER THE PH.

FILTRATION:

- FILTERS SHOULD RUN 24 HOURS A DAY.
- THERE SHOULD BE 3 STAGES OF FILTRATION:
 - FIRST- REMOVAL OF FISH WASTE AND LEAVES
 - SECOND-REMOVE THE FINE PARTICLES THAT CAN CLOUD THE WATER.
 - THIRD-PERFORM 'BIOLOGIC' FILTRATION. A FILTER IS A PLACE FOR BENEFICIAL BACTERIA TO COLONIZE. ONE COLONY OF BENEFICIAL BACTERIA CONVERTS AMMONIA (80% FROM FISH RESPIRATION AND 20% FROM FISH WASTE) TO NITRITE. A SECOND COLONY OF BENEFICIAL BACTERIA CONVERTS NITRITE TO NITRATE. NITRATE IS PLANT FERTILIZER, AND WILL BE CONSUMED BY PLANTS OR SHOULD BE REMOVED BY FREQUENT WATER CHANGES.
- BENEFICIAL BACTERIA ARE IN THE WATER. THE NATURALLY OCCURRING BENEFICIAL BACTERIA WILL COLONIZE A FILTER IN ABOUT 8 WEEKS. YOU CAN ADD BENEFICIAL BACTERIA TO SPEED UP THIS PROCESS, [KLOUBEC TRIPLE FORMULATED POND ADDITIVE](#).
- FILTERS NEED TO BE CLEANED. HOW OFTEN DEPENDS ON HOW MANY KOI AND HOW MUCH THEY ARE EATING. CLEAN AT LEAST ONCE A WEEK IN THE SUMMER, ONCE A MONTH IN THE SPRING AND FALL.

KOI GROWTH:

- KOI GROWTH IS CONTROLLED BY PHEROMONES IN THE WATER. WATER CHANGES WILL REDUCE PHEROMONES AND ALLOW KOI TO GROW TO THEIR POTENTIAL.
- KOI CAN GROW UNTIL THEY ARE 15 YEARS OF AGE, ALBEIT MORE SLOWLY AFTER THE FIRST 5 YEARS.

SECRETS TO A HEALTHY POND

- ✦ PROVIDE LOTS OF OXYGEN! [AIR PUMPS](#) WITH AIR STONES ARE THE BEST. DO NOT DEPEND ON JUST A WATERFALL. PONDS NEED OXYGEN DAY AND NIGHT. LARGE KOI REQUIRE MORE OXYGEN THAN SMALLER KOI. MAINTAIN OXYGEN LEVEL ABOVE 4 PPM.
- ✦ DO FREQUENT WATER CHANGES! RULE OF THUMB- CHANGE 10% PER DAY. THAT WAY THE WATER PARAMETERS, (TEMP, PH ETC) DO NOT CHANGE TOO FAST AND STRESS YOUR KOI. USE [ULTIMATE](#) OR [KOIRX/DETOX](#) TO NEUTRALIZE CHLORAMINES OR CHLORINE WITH EVERY WATER CHANGE.

WEEKLY:

- ✦ USE [AQUA MEDZYME](#) TO PREVENT BACTERIAL BUILD-UP THAT CAUSES ULCERS AND ROT.
- ✦ TEST YOUR POND WATER (AND KEEP A CHART) FOR TEMPERATURE, PH, TOTAL ALKALINITY, AMMONIA AND NITRITE.
- ✦ USE [AQUA MEDS SLUDGE REMOVER](#) IF NEEDED FOR SLUDGE BUILD-UP.

MONTHLY:

- ✦ TEST POND WATER FOR NITRATES. IF ABOVE 60 PPM, DO MORE FREQUENT PARTIAL WATER CHANGES.

TWICE A YEAR: (SPRING & FALL)

- ✦ TREAT POND FOR ANCHOR WORMS, WITH [PROFORM LA](#).
- ✦ TREAT POND FOR FLUKES AND INTERNAL PARASITES WITH [PRAZIQUANTEL](#).
- ✦ TREAT POND WITH [PROFORM C](#) OR [TERMINATE](#) FOR OTHER PARASITES.

IF YOU NEED HELP!

We're always happy to share our experience with you and help in any way we can. We will do our best to answer your questions. You can find our suggestions for many of the most commonly asked questions on the HOME page of our website under INFORMATION PAGES, or send us an email, info@kloubeckoi.com.

