

The Inland Koi Connection



THE OFFICIAL
NEWSLETTER
OF **IKS**
ISSUE 308
SEPTEMBER 2024

SUNDAY 9/22/24

WWW.INLANDKOISOCIETY.ORG



IKS POTLUCK MEETING

3:00 PM

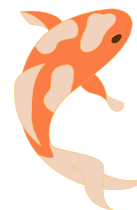
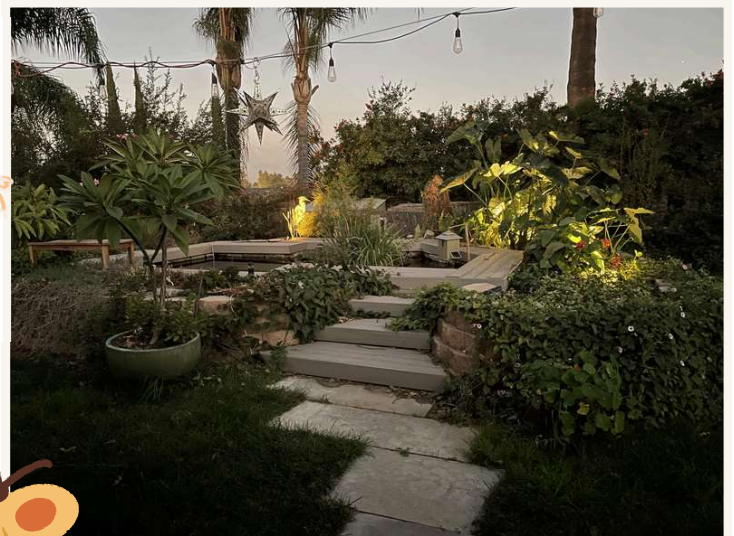
SUNDAY, SEPTEMBER 22ND 2024

HOST: STEVE AND KELLY MCHAN

11525 RICHARDSON STREET, LOMA
LINDA 92354

(916) 662-1367

BRING FOOD AND CHAIRS!!!



This month we will be returning to visit the **McHan pond** and garden **after a long 5 years exactly** to the month. We last visited their beautiful home in Loma Linda in September of 2019. At that time they had just built their pond after moving into the house in 2016.

Fast forward 5 years and they still have some of their original 17 fish that they were given by a friend to get them started. They have upgraded over the years and **Steve** estimates they have spent about \$1400 acquiring nicer fish, and now have 21 finned friends in the pond. They still have the same system consisting of **Ultra bead filter, a pre filter, a sequence pump, two bottom drains, and a UV light**, serving a 4500 gallon above ground pond. This is the third pond **Steve** has built, and now he has even more time to spend with it as he retired this past summer.



The **Machans** also love their landscaping and have 47 varieties of fruit trees and 10 varieties of vines such as grapes and berries. **Steve** recently cleaned up the water lilies in the pond and will have about 30 free cuttings for anyone who wants them.



Our guest speaker will be Chien Lee of Nijikawa USA koi food. We look forward to seeing everyone at our **last “late start” meeting** of the year, at 3 PM in Loma Linda on **Sunday September 22!**

If you look closely at the pictures you may see that on a recent hot day **Steve and Kelly** got into the pond and hung out with their koi. No swimming pool is going to be able to rival that!



- **O**ne of the major causes of fish diseases is lack of pond maintenance. Organic buildup in the bottom of the pond decays and produces hydrogen sulfide, which is very toxic to Koi. All solids should be removed from the pond bottom continuously via a bottom drain. If the pond doesn't have a bottom drain, weekly vacuuming must be done, and will also serve as part of the water change regime.
- **A** mechanical pond filter is anything that removes solids from the pond. These filters should be cleaned daily. Many types of mechanical filters can be added to any pond to improve water quality. After market bottom drains and modern drum filters and screens can be added on a new circuit, or plumbed into existing circuits.
- **A**bsence of a mechanical filter results in high pond maintenance (weekly vacuuming soon becomes a chore) and poor water quality can lead to Koi distress and disease. Standard mechanical filters that draw water from a bottom drain are essential to fish health and to pond bottom cleanliness.
- **P**ond pumps and filters should operate continually except for short down periods for maintenance. Running continually is necessary to supply oxygenated water to the bioconverter bacteria, and to continue removing solids and chemicals from pond water faster than they develop.
- **U**ltra Violet (UV) lights emit a specific band of wavelength primarily used to control the formation of single cell algae which causes green water. The UV, if properly size and run with a properly sized pump, will force green water algae to clump together so that it can be filtered out. A pond should not have green water so long as the UV is properly sized and maintained. UV light tubes degrade quickly and should be replaced after 12 months of use.
- Pond owners hate to see green water because they cannot see the Koi, but Koi thrive in green water if the water quality is maintained.
- **T**he higher the stocking density of Koi, the faster the water turnover rate should be. Turnover is defined as the amount of time required for the entire volume of the pond (plus filters, streams, waterfalls, etc) to go through the pump and filters once. The faster the turnover rate, the faster the impurities are removed. Large ponds can achieve good water quality with turnover rates as slow as once every 2-3 hours. Small ponds should be turned over at least twice an hour.
- **I**n general, a large pond should have a minimum of a 10% water change weekly. Note that a water change is not simply topping off the water lost through evaporation. A water change requires water to be removed from the pond and then the pond must be refilled. The smaller the pond, the more water that needs to be changed, up to 50% per week or 10% per day. Water changes are better done frequently in small amounts rather than one large water change. Koi are much healthier in stable water parameters, and large water changes can be very stressful to the Koi. As water evaporates, solids build up in the water and can only be removed through water changes. If on city water, dechlorinator should always be added before the new water.

When cleaning any filter media, flush it off with pond water as part of the water change.



2024 Board of Directors

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monicadirac@aol.com
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Nick Milfeld-@inlandkoisociety.org
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- **Larry Leverett** ~ 951.500.2157
@inlandkoisociety.org
- **Theo Zoetemelk** ~ 951.735.9896
@inlandkoisociety.org

Upcoming Events

09

22~ IKS Potluck meeting
3:00 PM
Steve and Kelly McHan
Loma Linda CA

10

27~ IKS Board Meeting
12:30 PM
Francine Hoffman

Interested members are welcome to attend, but please call hosts to let them know beforehand, 951.781.8209

10

27~ IKS Potluck meeting
2:00 PM
Francine Hoffman
Riverside CA

11

17~ IKS Thanksgiving Dinner/ Elections
2:00 PM
Jerry and Pat Mall
Temecula CA

12

08~ IKS Board Meeting
5:30 PM

Interested members are welcome to attend, but please call hosts to let them know beforehand,

01

25 & 26~ IKS General meeting
San Diego Koi Show
San Diego CA



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September 2024

Looking for entries!



Pond of the Year

One per club (club affiliation not required):

- 4-6 photos, 10-30 sec video if desired
- Description – location, size, design,
- filtration, inhabitants

Email to: pattist@snet.net



Koi/Goldfish of the Year

One per club (club affiliation not required):

- Photo and 10-30 sec video
- Description – if desired – breeder,
- age, when purchased

Email to: pattist@snet.net



Champion of Champions

Champion of your Koi Show:

- Photo and 10-30 sec video
- Description – if desired – breeder,
- age, when purchased

Email to: pattist@snet.net

Entries Due Dec 31, 2023!

If your club received a Friendship Award for your Koi Show:

You MUST send us 2 pictures!

1. Photo of the winning Koi
2. Photo of the Koi Owner receiving the Friendship Award

Send both photos to pattist@snet.net

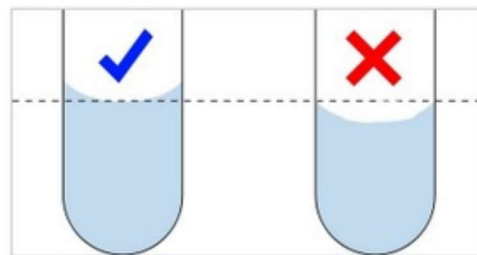


TIP OF THE MONTH



How to correctly read the results of your water test kits:

- - Fill the tube with the right amount of water from the pond:



- - Use Daylight to read results
- - Hold Tube Against White on Card
- - Match water color with Chip on Card:



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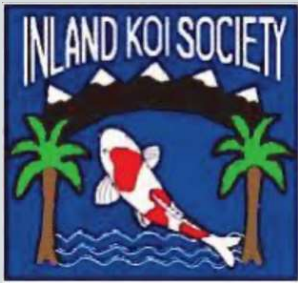
Thank you to **Chien Lee of Nijikawa USA** and to **Iva Gaglione of Ultra Balance** for supplying the Inland Koi Society with a supply of nutritional koi food for its rehoming program!!!



Reminders for November Meeting

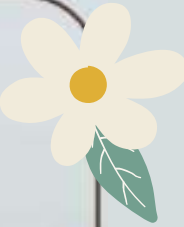
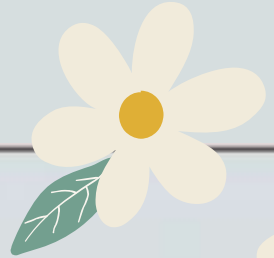
We will be voting for koi of the year and pond of the year!! If you are interested in submitting either one or more of your koi or pond to be elected as our koi or pond of the year, please bring a photo of your koi or your pond for everyone to vote on at our November meeting at Pat and Jerry Malls home. We hope to see you at the November meeting.

At our November meeting we will be holding elections!! We are looking for you, the club members, to join the board of directors for the club and become more involved with the running of our club. The board meets once a month either at a board member's home for dinner and a meeting, or just before one of our general meetings. We hope you will take the opportunity to join our board and become more involved in the month-to-month planning of club meetings and events.



INLAND KOI SOCIETY
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RIVERSIDE, CA 92504

Return Service Requested



Visit Our Website: www.inlandkoisociety.org