

***Pyrostegia venusta* (Ker Gawl.) Miers**

Family: Bignoniaceae

Bengali/tribal name: Sonajhuri lota

English name: Flame vine, Orange trumpet vine

Pyrostegia venusta, commonly known as flame vine or orange trumpet vine, is a plant known for its vibrant orange flowers and its use in traditional medicine.

Here are some of the medicinal uses of *Pyrostegia venusta*:



1. **Respiratory Health:** *Pyrostegia venusta* has been traditionally used to treat various respiratory conditions, including coughs, colds, bronchitis, and asthma. Its expectorant properties help in clearing mucus from the airways, providing relief from respiratory congestion.
2. **Anti-inflammatory and Analgesic:** The plant possesses anti-inflammatory and analgesic properties, making it useful for reducing inflammation and relieving pain. It can be used to treat conditions such as arthritis and muscle pain.
3. **Antimicrobial Activity:** *Pyrostegia venusta* has antimicrobial properties that are effective against a variety of bacteria and fungi. This makes it useful in treating infections and promoting wound healing.
4. **Antioxidant Properties:** The plant is rich in antioxidants, which help in neutralizing free radicals in the body. This reduces oxidative stress and lowers the risk of chronic diseases such as cancer and cardiovascular diseases.
5. **Skin Health:** *Pyrostegia venusta* is used in traditional medicine for treating skin conditions such as sores, ulcers, and dermatitis. Its antimicrobial and anti-inflammatory properties help in promoting skin healing and reducing inflammation.
6. **Digestive Health:** The plant has been used to treat gastrointestinal issues such as indigestion, diarrhea, and stomach pain. Its soothing properties help in calming the digestive tract.

7. **Fever Reduction:** *Pyrostegia venusta* is used to reduce fever. Its antipyretic properties help in managing febrile conditions and providing relief from symptoms associated with fever.
8. **Immune Support:** The plant is believed to support the immune system, helping the body to fight off infections more effectively. Its various bioactive compounds contribute to its immune-boosting effects.

*These uses are largely based on traditional medicinal practices and some preliminary scientific research. However, more rigorous clinical trials and studies are needed to fully validate and standardize the medicinal applications of *Pyrostegia venusta*. As with any medicinal plant, it is important to consult with a healthcare provider before using it for therapeutic purposes.*