

# *Vincetoxicum indicum* (Burm.f.) Mabb.

**Synonyms** : *Tylophora asthmatica* (Linn.f.) Wight & Arn., *Tylophora indica* (Burm.f.) Merr.

**Family** : Asclepiadaceae

**Group** : Anti tussive (expectorant)

**Parts Used** : Root , Leaf

## **Vernacular Names**

English : Emetic swallow- wory, Indian or Country ipecacuanha

Malayalam : Vallippala

Hindi : Jamgli pikvam, Antamul

Sanskrit : Lataksiri, Antamul

Bengali : Antamul

Kannada : Nipaladaberu, Antamula

Tamil : Naippalai, Nancaruppan

Telugu : Vettipala, Verripala, Tellayadala, Kakapala



**Distribution and habitat:** Throughout India

**Botany:** A slender, much branched, tough laticiferous climber up to 1.5 m high with long fleshy, knotty roots numerous; root stock thick and short.

- **Leaves** : Up to 10 cm long, simple, opposite, somewhat fleshy, ovate to orbicular, cordate based 3-10 cm long, often apiculate, glabrous, acute or acuminate, more or less pubescent beneath.

- **Flowers**: In umbels, greenish yellow outside, purplish within, pedicels filiform with a number of filiform hairy bracts at their base.

- **Fruits** : Fusiform, divaricate, glabrous, follicles, 8 cm long, tapering to a fine point at the apex.

- **Seeds** : Ovate with long coma.

**Properties:** Antitumour activity, bacteriostatic, emetic, cathartic

**Chemical constituent:** alkaloids- Tylophorine as(-)- Tylophorine (Phenanthroindolizine alkaloid); Tylophorinine. Quercetin, Kaempferol and  $\alpha$  - amyrin.

**Uses:** Useful against asthma, bronchitis, whooping cough, dysentery and diarrhea, rheumatic and gouty pains, hydrophobia, bronchial asthma

Propagation: Seed and cuttings

