

***Ormosia sumatrana* (Miq.) Prain**
(FABACEAE)

Ma Klam Ton

It is an evergreen, climax tree that grows up to 25 meters tall with a trunk DBH of around 80 cm.

Where does it grow?

It is native to Borneo, Java, Laos, Peninsular Malaysia, Sumatra, Thailand, and Vietnam.

What are its distinguishing characteristics?

Bark: stems is gray. Branchlets and buds densely appressed, rusty brown tomentose.

Leaves: imparipinnate, 14-31 cm; petiole, rachis, and petiolule densely appressed rusty brown tomentose; leaflets, opposite or upper rarely alternate; petiolule, grooved; blades oblong or oblong-lanceolate, rarely obovate-oblong, leathery, densely appressed rusty brown tomentose abaxially, becoming glabrescent, glabrous and glossy adaxially, base broadly cuneate to rounded, apex acute to acuminate or obtuse; lateral veins 7-9 pairs, raised abaxially, impressed adaxially. Panicles terminal and axillary, congested, peduncle and pedicel densely appressed rusty brown pilose; pedicel 2-3 mm; bracts 2-5 × ca. 1.5 mm, acute, deciduous, rusty pilose. **Flowers:** Calyx campanulate, teeth divided to the middle part of the calyx, triangular, densely appressed, rusty brown tomentose inside and out. Corolla pink to orange-red. Ovary rusty brown, pilose at margin. Legumes obovate, oblique, or oblong, beak acute, stipe ca. 5 mm, densely appressed rusty brown pilose at margin and base; valves thinly leathery, black when dry, glabrous, swollen around seeds, constricted between seeds; calyx persistent. Seeds 1-3,

bright red, ovate or oblate, glossy; hilum elliptic, sunken, 1-1.5 mm.

Why is it a framework species?

This species has a high survival rate. It also produces bright, colorful seeds that attract birds and small mammals.

How are saplings grown?

Collect fruits in January, February and May. Remove the seeds from the fruits and prepare them for sowing in germination trays. Before sowing, the seeds require scarification to improve germination success. No other special pre-sowing treatments are necessary. GP is 16%, and MLD is approximately 35 days.

How should saplings be planted and cared for?

Apply a cardboard mulch mat at planting time. Weed and apply fertilizer as necessary.

What can the species be used for?

It is used as timber and is classified among the lesser-known timber species.

