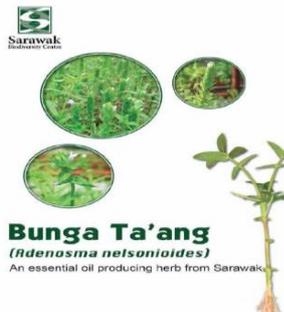


Name Sarawak Adenosma
Country Malaysia

Date of registration:
14/08/2015



Source: Sarawak Biodiversity Centre

Main characteristics/features

Sarawak Adenosma is a plant with the scientific name *Adenosma nelsonioides*. It is a wild plant found growing in paddy fields. It usually grows in great numbers following the local tradition of field burning of paddy plantations. The stem of Sarawak Adenosma is soft and greenish when young and becomes semi woody and purplish when older. The leaves are simple with translucent oil glands and are linear or linear ovate and lanceolate. It can reach 60 cm in height with a stem diameter between 2 and 3.5 mm.

Geographical area

Sarawak Adenosma can be found around Semadang village, Semban village in the Penrissen area and Temurang village in Padawan in Kuching division and Naga Sumpa in Sri Aman Division, Sarawak.

Production/processing

Under ex-situ conditions, Sarawak Adenosma requires a cool and shaded area with ample direct sunlight. This plant requires plenty of water and wilts easily in hot weather. The plant can be propagated through seeds, stem cuttings and stem layering. It takes 1 or 2 weeks for the plant to root in stem cuttings and stem layering. New shoots can be observed after rooting. Under these conditions, the seeds normally germinate 2 months after field burning in preparation for paddy planting. Fresh aerial parts of the plants are handpicked for extraction. The extraction of essential oils is done through steam /hydro distillation using a distillation unit.

Link between product and territory

The Sarawak Biodiversity Centre has found that Sarawak Adenosma essential oil has antimicrobial properties. Testing by the Institute of Medical Research Malaysia has shown that a 24-hour exposure to the essential oils can help increase the mortality rate of aedes larvae. Due to these factors, Sarawak Adenosma is uniquely different from other *Adenosma* found in other countries.

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Competent authority Intellectual Property Corporation of Malaysia (MyIPO)
GI rights holder/GI association Sarawak Information Technology And Resources Council (SITRC)
Contact information Phone: +60 82449005

Type of product Plants
Control body
File number GI2015-00018
Websites www.sbc.org.my