DESIGN AND CONSTRUCTION OF A SERAI WANGI SOAP STRIRING MACHINE (DISH WASHING SOAP, HAND WASHING SOAP, AND FLOOR MOP) IN BUMDES GADING EMAS TELUK PAMBANG

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Abstract

Fragrant citronella can also be made into citronella oil which has beneficial properties such as anti-mosquito, anti-fungal, antibacterial, larvicidal, anti-inflammatory, aromatic, antipyretic (can relieve fever and headaches), antispasmodic (acts as a muscle relaxer), and can be used for cleaning agents. Cymbopogon nardus, better known as lemongrass or citronella grass, is a type of grass from the order Graminales which is typical of tropical regions of Asia. C. nardus is perennial (always grows throughout the year). The stirrer that has been made has dimensions of 580 mm x 540 mm x 1435 mm, with a vertical stirring model, using a ½ hp motor and decelerating using a 1:40 reducer/gerabox. There are 3 types of stirrer models made, the first uses an s-type stirrer, then a plate type, and an s-type retaining plate on the part of the raw material container.

Keywords : stirrer models made, citronella oil, antispasmodic, machine dimensions.