

The Cultivation and Production of *Jatropha Curcas* L. (Monywa Township, Sagaing division)

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Abstract

At present, the world is facing with the energy crisis; every country is trying to utilize alternative energy in the place of petroleum on a large scale. Of these, biodiesel can be produced from *Jatropha curcas* L. (Chan Si YoeKyet Su). In consistent with the weather and natural conditions of the country, Myanmar is also cultivating the *Jatropha curcas* L. extensively in States and Divisions. The crisis of fossil fuels has been challenging dramatically worldwide due to the outburst of population and the advancement of science and technology recently. Myanmar has also been endeavoring to cope with this crisis by exploring alternative fuel energy namely, biodiesel at the time. Due to its naturally favorable condition, Myanmar has been thriving in growing (Chan Si YoeKyet Su) *Jatropha curcas* L. in States and Divisions to produce biodiesel. The major aim of the present research is to study the selection of true breeds, nursing procedures, plantation methods and mass production for biodiesel in Monywa Township, Sagaing Division (Special Zone of Chan Si YoeKyet Su Project).

Key words: *Jatropha curcas* L., plantation methods and mass production

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