

Newsletter

Market Study on Harvesting Machines for Kenaf (*Hibiscus cannabinus* L., Malvaceae)

The Situation



(ii) The fibres that are intact are suitable for being used in **high-end fibre production industries**



(i) Although a number of machineries have been modified, there are **no suitable machines** that can harvest kenaf for high-end fibre production



(iii) A machine with the ability to cut thick, intact and whole-stems of kenaf with a satisfactory cutting quality is required in the market

Research Objectives



(i) To study limitations of existing harvesting machines used in harvesting kenaf in Malaysia



(ii) To discuss business policies for promoting further improvements

Our Approaches



- (i) Secondary data collection (desktop research)
- (ii) Qualitative analysis
- (iii) Descriptive analysis

Some Interesting Findings

- ★ Various machines such as forage harvesters, choppers, sugarcane harvesters, pedestrian harvesters, reaper binders, and mower conditioners have been used to harvest kenaf
- ★ Harvesters normally chop the stems to small segments, which is unsuitable for being used in high-end fibre production industries
- ★ Human or manual labour harvesting is being used; however, it is time consuming and not cost effective in nations with high labour wages
- ★ Some of the local private and public institutions are investing in inventing similar harvesting machines for the kenaf industry
- ★ Potential markets for kenaf harvesting machines are Malaysia, China, India, Bangladesh, Indonesia, Myanmar, Vietnam, and Thailand

Contact:

info@howardresearch.com.my

www.howardresearch.com.my

