A WHITE PEPPER DECORTICATOR

TECHNOLOGY DESCRIPTION

White pepper decorticator is designed to hasten the process of producing white pepper with similar output quality to the commercial method.

TECHNOLOGY FEATURES

This technology can reduce the soaking time of pepper berries in water from 12-14 days to 3-5 days. The white pepper decorticator consists of stainless steel frame structures with adjustable speed of disc and shaker. It is able to increase the production rate while reducing the labor cost and time. This environmental friendly technology reuses the water collected in the water container and pumped back to the first and second sprinklers. The decorticator is also composed of two discs to replace the traditional method of rubbing the pericarp of pepper berries by hands or stepped shearing by feet, making this technology more hygienic.

ADVANTAGES

- Green technology and is user-friendly
- Promotes high production rate

INDUSTRY OVERVIEW

Prospect: Local and international pepper producers

Key pepper producing countries are Vietnam, India, Indonesia, Brazil and Malaysia. There are currently about 67,000 pepper smallholders in Malaysia. Sarawak contributes more than 98% of the country's production, while the balance comes from mainly Johor and Sabah. Majority of the farms concentrated in Kuching, Samarahan, Sri Aman, Betong and Sarikei Divisions. Globally, potential market prospects for the white pepper decoticartor is likely to be the big plantation companies and small individual pepper producers. As of today, there is no direct competition for the decorticator since pepper production in Malaysia is currently done manually by the individual pepper producers. There is currently no manufacturer of white pepper decorticator available in Malaysia or the world. Potential sales channel of the pepper decorticator is direct sales to the pepper producers, while the potential sales method is likely to be through direct sales force and manufacturer's representative.

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