



Elevating Thailand's rice seed researcher with Quick-Fit ducting

The Rice Research Center is a key agency under the Rice Department, Ministry of Agriculture and Cooperatives. Its mission is to research, develop, and test new rice varieties that are suitable for the geography and climate of each region in Thailand, with the aim of improving the quality of life for farmers and ensuring the country's food security. The research process at the center begins with planting rice in paddy fields located within the center itself. Once the rice grows and reaches the harvesting stage, it is moved on to the next stage of processing.

“ The performance of each seed variety is evaluated before market release. Dust from husks, bran, debris, and fine particles is generated throughout these processes. Without proper management, this dust can accumulate and affect both staff health and seed quality. ”

Nordfab was trusted to design and install dust extraction ducting systems in the rice research centers across all 12 locations throughout Thailand. The Quick-Fit ducting system was selected, as it is well-suited to the environment of research centers because:

- **Fast, tool-free installation** – Minimizes downtime and disruption
- **Modular and adaptable** – Easy to reconfigure for evolving research processes
- **Durable materials** – Designed for long-term use in varied environments
- **Low maintenance** – Helps reduce upkeep and associated costs



Our installation solutions adapt seamlessly to a variety of work environments.

Covering the entire rice production line, drying, and storage processes to ensure efficient dust extraction, maintaining cleanliness in the research area and preventing contamination of rice samples.

Key Outcomes

1. **Safer and cleaner working environments** – Staff can work in areas with cleaner air, reducing the long-term risk of inhaling accumulated dust
2. **Improved research integrity** – The rice is not contaminated by dust or foreign particles during experiments
3. **Increased operational efficiency** – A well-organized workspace leads to fewer equipment malfunctions and easier maintenance
4. **Scalable for future research** – The ducting systems can be easily expanded or modified to support future process changes

Nordfab is proud to be part of supporting the nation's food security and is ready to deliver Quick-Fit ducting solutions to all industries that prioritize process quality and employee health.



“ The Quick-Fit ducts can be assembled right on site without complications, and the installation doesn't take long. It's very convenient and makes the work much easier. I'd say this system is definitely working well for us. ”

– Staff member, Rice Research Center