



Fly with IP: The Secret Sauce in AgriTech

Case Study | Nutrition Technologies

At a Glance

Founded in 2015, Singapore-based Nutrition Technologies is revolutionising the agriculture sector with the integration of insect-derived products on a mass scale. Specifically, Nutrition Technologies transforms organic waste materials into valuable products such as organic fertilisers, protein, and oil using black soldier fly larvae.

Nutrition Technologies currently has three products under its portfolio – namely, Arculus™ insect meal, Lucens™ insect oil, and Diptia™ insect frass. The company's proprietary insect farming and harvesting process uses minimal amount of energy and results in a zero-waste system to enable a more sustainable agricultural sector.

Protecting their Trade

In order to more effectively manage and leverage their trade secrets to support positive business outcomes, Nutrition Technologies has engaged Tangibly. Tangibly is a trade secret management platform which provides services such as trade secret cataloging, non-disclosure agreements (NDA) tracking, and trainings on trade secret management.

Tangibly works hand-in-hand with Nutrition Technologies to help the company better track and manage its trade secrets, and ensure key business and operational processes are effectively safeguarded. This allows Nutrition Technologies to secure its competitive advantage, providing a strong base for future expansion.

Keeping their Secrets

Besides the proprietary insect technology that Nutrition Technologies is known for, information such as customer details, chemical formulae, and recipes for its products are some of the trade secrets that Nutrition Technologies has in order to secure its competitive edge and safeguard revenue growth.

To protect its trade secrets, Nutrition Technologies has:

Put in place confidentiality agreements and implemented IP training for staff.

Introduced digital and physical access control measures so that only authorised personnel are able to access proprietary information. Key information is kept in separate institutional silos so fewer people have access to all components of a process.

Used a cataloguing service to securely store and track its trade secrets on ongoing basis.

This is part of a series of case studies as part of IPOS' initiative – Keep your Secrets, Protect your Trade, following the launch of the Study on the Protection and Management of Trade Secrets in Singapore in 2021. For more information, visit www.ipos.gov.sg/about-ip/trade-secrets.