



Biological solutions for sustainable agriculture

AGRICULTURAL PRODUCTS & SERVICES

Company Profile

Who are we?

Halways is agriculture biotech company that focused on empowering farmers to produce food in a sustainable way. We deliver innovation that supports farmers all around the world to produce more yield from their farm while reducing their production costs and increasing profits. Halways portfolio of products includes agricultural microbes, biopesticides, animal probiotics and supplements.

Halways was founded in 2013 by a group of scientists in Universiti Putra Malaysia, Selangor. Since then, we have grown to become one of the Malaysia agriculture biotech companies that consistently helps growers to sustain and grow their business.

Our team consists of highly skilled and knowledgeable scientists with experience in agricultural microbiology, pollution mitigation, ecosystem restoration and natural resource conservation.

Our core business is to discover, develop, produce, and sell innovative biological products for crop and livestock protection. Halways is deeply committed to giving growers tools that allow them to produce abundant, high quality crops and livestock in a way that enhances the agroecosystem.





MISSION

To discover, develop and deliver innovative solutions for sustainable agriculture

Since 2013, we have pursued innovative ways for science and technology to drive sustainability and profitability in agriculture. With our mission, we are focused on four key principles:

- ✓ Helping farmers enhance their profitability and soil health
- ✓ Improving the quantity, quality, and traceability of the food available to consumers
- ✓ Protecting the environment by reducing and removing harmful greenhouse gases from the atmosphere, while incentivizing sustainable land stewardship practices
- ✓ Creating long-term value for our shareholders

VISION

Improving the world through biological solutions

Our vision is to unlock the power of agriculture by creating scalable biological solutions that are designed to both solve pressing problems for farmers and agribusinesses, and at the same time meet the demand from corporations for sustainability solutions. These solutions complement the existing commodity system to make farmers' operations both more profitable today and more financially and environmentally sustainable over the long-term.



Prof. Dr. Shuhaimi Mustafa
Chairman, Halways Sdn Bhd

VALUES

Our decisions, priorities and actions are based on our core values

Integrity



Excellence



Innovation



Passion



Responsibility



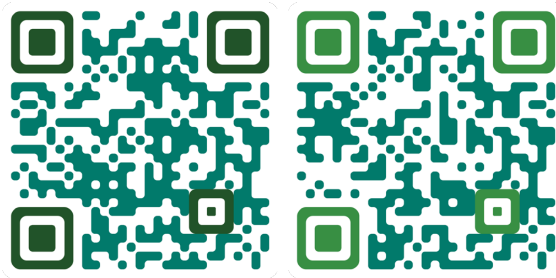
Teamwork



Our Location

Office

Halways Sdn Bhd (HQ)
Next2u Putra Science Park,
Universiti Putra Malaysia,
43400 Serdang Selangor



Map to our office

Map to our factory

Laboratory

Halways Sdn Bhd (Laboratory Facility)
Makmal FEMTECH,
Fakulti Bioteknologi & Sains Biomolekul,
Universiti Putra Malaysia,
43400 Serdang Selangor

Factory

Halways Sdn Bhd (Production Facility)
No. 8, Jalan Hi-Tech 3/3,
Kawasan Perindustrian Hi-Tech 3,
43500 Semenyih,
Selangor





Working Experience With Various Agencies



Workshop & Seminar Program

The Halways Training Division maintains an active seminar, workshop and events series. Farmers, researchers, students and all interested in sustainable agricultural technology transfer training and innovation are welcome to attend. Halways scientists and researchers also engage in conferences, events and meetings in Malaysia and internationally.

Workshop & Seminar Program

Training Workshop on High Performance Liquid Chromatography (HPLC) - 2015

Total participant: 10

Realtime Polymerase Chain Reaction (RT-PCR) Workshop - 2016

Total participant: 12

Training Workshop on High Performance Liquid Chromatography (HPLC) - 2016

Total participant: 8

Seminar Teknologi Probiotik Udang Siri 1 - 2017

Total participant: 50

Training Workshop on High Performance Liquid Chromatography (HPLC) - 2017

Total participant: 3

Kursus Pembuatan Probiotik Akuakultur & Mudball - 2018 (SIRI 1)

Total participant: 40

Kursus Pembuatan Probiotik Akuakultur & Mudball - 2018 (SIRI 2)

Total participant: 42

Training Workshop on High Performance Liquid Chromatography (HPLC) - 2018

Total participant: 8

Seminar Teknologi Probiotik Udang Siri 1 - 2018, Universiti Putra Malaysia - as Trainer. Total participant: 50

Kursus Pembuatan Probiotik Akuakultur & Mudball - 2018 (SIRI 3), Universiti Putra Malaysia - as Trainer. Total participant: 38

Siri Minum Kopi: Bisnes & Asas-Asas Penternakan Akuakultur - 2018

Total participant: 40

Bengkel Formulasi makanan Ternakan Siri 1 - 2018

Total participant: 20

Seminar Teknologi Probiotik Udang Siri 2 - 2018

Total participant: 53

Workshop & Seminar Program

Bengkel Intensif Teknologi Probiotik & Latihan Makmal Ternakan Udang - 2019 (SIRI 1)

Total participant: 5

Kursus Kawalan Penyakit & Pembuatan Probiotik Atasi Penyakit Tanaman - Siri 1 (2019)

Total participant: 30

Kursus: Buat Duit Dengan Ternakan Ikan Air Tawar

Total participant: 40

Seminar Teknologi Probiotik Udang Siri 1 - 2019

Total participant: 60

Siri Minum Kopi: Kurangkan Kos Akuakultur Dengan Teknik Probiotik Bacillus

Total participant: 40

Bengkel Formulasi makanan Ternakan Siri 1 - 2019

Total participant: 40

Bengkel Formulasi makanan Ternakan Siri 2 - 2019

Total participant: 40

Bengkel Intensif Teknologi Probiotik & Latihan Makmal Ternakan Udang - 2019

Total participant: 5

Kursus Kawalan Penyakit & Pembuatan Probiotik Atasi Penyakit Tanaman - Siri 2 (2019)

Total participant: 31

Kursus: Buat Duit Dengan Bisnes Ikan Keli - 2019

Total participant: 40

Kursus: Buat Duit Dengan Bisnes Ikan Puyu Siam - 2019

Total participant: 40

Kursus Pembuatan Probiotik Akuakultur Edisi Istimewa - 2019

Total participant: 40

Malaysia Aquaculture Development Association (MADA) Aquaculture Forum - 2019

Total participant: 21

Workshop & Seminar Program

Bengkel Intensif Teknologi Probiotik & Latihan Makmal Ternakan Udang - 2019 (SIRI 3)

Total participant: 6

Bengkel Intensif Formulasi makanan Ternakan Siri 1 - 2019

Total participant: 5

Bengkel Intensif Teknologi Probiotik & Latihan Makmal Ternakan Udang - 2019 (SIRI 3)

Total participant: 5

Webinar Teknologi Probiotik Ternakan Udang - 2020

Total participant: 25

Kursus Projek Enterpreneur Ternakan Udang Kara PETUKAR - 2021

Total participant: 40

Webinar Teknologi Probiotik Ternakan Udang - 2021

Total participant: 42

Kursus Formulasi Dedak & Teknik Kurangkan Kos Ternakan - 2022 (Siri 1)

Total participant: 40

Kursus Kawalan Penyakit & Serangga - 2022 (Siri 1)

Total participant: 38

Kursus Pemantapan Rancangan Perniagaan Produk Daripada Sisa Pertanian - 2022 (Siri 1)

Total participant: 30

Kursus Upskilling Ternakan Lembu (Pemakanan, Kesihatan & Rancangan Perniagaan) - 2022 (Siri 1)

Total participant: 20

Kursus Formulasi Dedak & Teknik Kurangkan Kos Ternakan - 2022 (Siri 2)

Total participant: 40

Kursus Formulasi Dedak & Teknik Kurangkan Kos Ternakan - 2022 (Siri 3)

Total participant: 40









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for sustainable agriculture**

Products & Services

Innovation is at the core of the value that we deliver to our customers. Our products and services are research driven and innovation focused.



Protect plant against 8 types of the world most dangerous fungal diseases in agriculture

Trichobiome surpasses expectations when there are no other products can solve fungal infection problem in their farms. Trichobiome inhibit 100% diseases caused by *Colletotrichum gloesporioides*, *Phytophthora capsici*, *Pythium ultimum* and *Giberella fujikuroi*. These phytopathogens are the main caused of anthracnose, blight, fruit rot, damping off, root rot and bakanae disease which commonly infected papaya, mango, pepper, eggplant, cucumber, corn, potato and paddy.



BACITRAX



Protect plant against 7 types of the world most dangerous plant diseases in agriculture

Bacitrax surpasses expectations when there are no other products can solve plant infection problem in their farms. Bacitrax proven successfully fight diseases caused by *Pyricularia oryzae*, *Ralstonia solanacearum*, *Oncobasidium theobromae*, *Phytophthora Megakarya*, *P. plamiyora*, *fusarium*, *Mycosphaerella fijiensis*, nematode and *Ganoderma spp.* These pathogens are the main caused of panama, moko, sigatoka, Vascular-coretan dieback, black pod rot and bacterial leaf blight which commonly infected banana, cocoa, oil palm and paddy.



Thohira®



Improve growth & protect aquatic animals against diseases

Thohira Synbiotics G03 is a combination of prebiotic and a highly concentrated *Bacillus subtilis* ISO8 spores specifically formulated for aquatic species. Thohira Synbiotics improve final harvest by improving feed conversion. Improving the efficiency of converting feed to meat means a greater return on investment and increased profitability.



PHYCOBOOSTER

Biofloc activator



Phycobooster™ is the ultimate starter pack designed to help farmers establish strong bioflocs system. The premium Phycobooster™ formulation have been shown by research to accelerate floc formation and suppress pathogenic bacteria. Combined with the enzymes, amylopectin as carbon source, vitamin and mineral premix, Phycobooster™ brings all the necessary ingredients needed to create a healthy environment for biofloc aquaculture.

Using Phycobooster™, biofloc farmers can observe the formation of microorganisms-protein-rich flocculant, leading to lower feed conversion ratio (FCR), lower levels of pathogen and vibrio activity, and ultimately, healthier and larger fish/shrimp.



POULTRIGEN

Elite defense for profitable poultry production

Bacillus subtilis MAHR76 provides elite protection for your birds against the poultry most problematic bacterial diseases. The advanced Poultrigen formula allow the probiotic to quickly dominate the gut, induce birds immune system and eliminate the risk of pathogen infection. The presence of Poultrigen in the gut system help the birds to be more resilient against diseases at all growth phase.



