

EA102

REGENERATIVE AGRICULTURE FOR OIL PALM

Reducing Cost While Restoring Soil Health

HRD CORP CLAIMABLE	FOCUS AREA (FA)	4 HOURS	PROGRAMME NO. 10001749248
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WHY EA102?

EA102 is an executive awareness programme for plantation decision-makers facing rising fertilizer costs, dependence on imported inputs and declining fertilizer efficiency. It connects fertilizer performance with soil health and introduces the Complete Fertilizer concept - extending beyond conventional NPK to organic matter, stable carbon (biochar), beneficial soil biology and natural biostimulants. Participants explore regenerative fertilizer strategies to improve nutrient utilisation, long-term sustainability and plantation resilience without compromising productivity.

START WITH THE BUSINESS QUESTIONS	AFTER 4 HOURS, PARTICIPANTS SHOULD BE ABLE TO
- Why are fertilizer costs rising while fertilizer efficiency may be declining? - How does soil health influence nutrient utilisation and sustainable palm productivity? - What does a Complete Fertilizer approach add beyond conventional NPK nutrition? - Which regenerative fertilizer strategies can improve efficiency and reduce long-term input dependence?	- Explain the business and sustainability pressures affecting fertilizer management. - Connect soil health with fertilizer performance and long-term plantation productivity. - Explain and apply the Complete Fertilizer Framework to management scenarios. - Evaluate regenerative strategies and outline a high-level Regenerative Fertilizer Roadmap.

WHO SHOULD ATTEND?

Managing Directors • Chief Executive Officers (CEO) • Chief Operating Officers (COO) • Plantation Directors • General Managers (Plantation) • Regional Plantation Managers • Estate Managers • Mill Managers • Agronomy Managers / Plantation Agronomists • Sustainability / ESG Managers

KEY LEARNING OUTCOMES

- Explain the key factors contributing to rising fertilizer costs, declining fertilizer efficiency and sustainability challenges in the oil palm industry.
- Describe the relationship between soil health, fertilizer performance and sustainable oil palm productivity.
- Explain the Complete Fertilizer Framework and how it supports fertilizer efficiency, soil health and long-term plantation productivity.
- Evaluate regenerative fertilizer management strategies that can improve fertilizer efficiency, strengthen long-term plantation sustainability and reduce dependence on imported agricultural inputs.

EA102 • COURSE OVERVIEW

Regenerative Agriculture for Oil Palm: Reducing Cost While Restoring Soil Health

WHAT PARTICIPANTS WILL EXPLORE

1 The Changing Economics of Fertilizer	Current industry challenges; why fertilizer prices continue to rise; the need for a more sustainable fertilizer strategy; and the cost of doing nothing.
2 Soil Health & Fertilizer Efficiency	Why more fertilizer does not always mean higher yield; soil health as the foundation of fertilizer efficiency; and the relationship between healthy soil and healthy palms.
3 The Complete Fertilizer Framework	Beyond NPK; the five elements of a Complete Fertilizer; and an applied Complete Fertilizer evaluation exercise.
4 Regenerative Fertilizer Management	Choosing the right regenerative fertilizer strategy; a plantation regenerative strategy case exercise; and development of a Regenerative Fertilizer Roadmap.
COURSE OUTPUT Regenerative Fertilizer Roadmap	Participants identify baseline information, select appropriate regenerative interventions, define measurable KPIs and develop a high-level roadmap for implementation and monitoring.

THE 4-HOUR LEARNING JOURNEY

UNDERSTAND COST PRESSURES → CONNECT SOIL & FERTILIZER → APPLY THE FRAMEWORK → EVALUATE STRATEGIES → BUILD ROADMAP

EA102 gives plantation decision-makers a management-level foundation for improving fertilizer sustainability. Participants examine fertilizer economics and soil health, apply the Complete Fertilizer Framework to practical scenarios, evaluate regenerative management options and finish by developing a high-level Regenerative Fertilizer Roadmap for implementation and monitoring.

TRAINER & ORGANISATION



Nip Wing Kan

Chairman, Persatuan Petani Organik dan Regeneratif Sabah (SORFA)

SORFA Lead Trainer • Regenerative Agriculture Expert • Field Practitioner • Industry Trainer

The programme draws on SORFA's practical work in regenerative agriculture, soil health, biochar, biological inputs, biomass utilisation and field implementation in Sabah.

COURSE ENQUIRY & REGISTRATION

SORFA — Sabah Organic & Regenerative Farmers Association

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