



OIL PALM PESTS AND DISEASES MANAGEMENT SKILLS

ISP Management (M) Sdn Bhd

Fees:
RM1,100 (ISP Member)
RM1,300 (Non-Member)

Venue:
ISP HQ, Petaling Jaya
Selangor

**All fees are inclusive of 8% Sales and Service Tax (SST) for Malaysians only*

Speaker: Dr. Norman Kamarudin



Dr. Norman Kamarudin is an expert in entomology and oil palm research with over three decades of experience. He began his career at PORIM in 1987 after earning his Bachelor's degree from UKM. Specializing in entomology, he contributed to significant research on oil palm pests, including pollinating weevils, bagworms, and rhinoceros beetles. He furthered his studies at Imperial College London (MSc, 1994) and later earned a PhD from UKM (2001).

During his tenure at MPOB, he held key leadership roles, including Director of Biological Research (2012–2019), and was actively involved in industrial committees on agronomy, Ganoderma management, and mechanization. He also served as President of ISOPA (2012–2019) and held leadership roles in the Malaysian Entomology Association.

Dr. Norman has authored over 120 research articles, received multiple publication awards, and presented at international conferences. Since retiring, he has been a freelance trainer, scientific writer, editor, and consultant, focusing on oil palm management, crop protection, and effective scientific writing. He is an accredited HRDC Trainer (2024–2027) and continues to inspire professionals through workshops and motivational engagements.

INTRODUCTION:

- The management of pests and diseases in a plantation is very critical to sustain the high productivity of a plantation. A plantation which neglects the pest and disease problems will have lower yields and eventually may be a hub of pest and disease infections which may spread to neighbouring plantations.
- Effective interaction and communication is a must, both internally and externally, to ensure the effectiveness of pests and diseases management in oil palm plantations.

TRAINING OBJECTIVES:

- Participants will learn to identify the common oil palm pests and diseases, and effectively manage them with valid and scientifically proven techniques.

TRAINING OUTCOMES:

Participants will be able to:

- Identify the issue of yield reduction due to pests and diseases.
- Make critical management decisions for sustainable control.

TOPIC OF DISCUSSION:

Integrated Pest and Disease Management

- Pests and diseases recognition
- Endemic habitats
- Life cycle and damaging stages
- Defoliation and crop losses
- Census, Monitoring and surveillance System
- Beneficial plants
- Biological control agents
- Chemical control
- Common issues related to pest management

Identification Skills Requirements

- Ability to identify early symptoms and damage
- Skills in using sustainable technologies
- Recording, analysis and control procedures
- Ability to identify cost-effective new technologies

WHO SHOULD ATTEND:

All planters, Executives and Administrators of an Oil Palm Plantation

Ms. Nadhira (Registration/HRDC Matters) - +603-79555561 (nadhira@isp.org.my)

TRAINING MODULE

DAY 1

| ENABLING OBJECTIVES | CONTENT | DURATION | METHODOLOGY | ASSESSMENT | MATERIALS |
|--|--|---------------------------|--|----------------------------------|---|
| | Icebreaker | 15 mins | Participants Introduction | | |
| M1 COMMON INSECT PESTS AND DISEASE OF ECONOMIC IMPORTANCE | <ul style="list-style-type: none"> • Bagworms • Oryctes rhinoceros | 2 hours | <ul style="list-style-type: none"> • Lecture • Discussion • Q&A | | <ul style="list-style-type: none"> • Samples of Scientific articles and reports • Slides Presentation |
| Tea Break | | 15 mins | | | |
| M2 ROLE PLAY | Conducting census and reporting | 2.5 hours | <ul style="list-style-type: none"> • Interactive group discussion • Group presentation | Evaluation of group presentation | <ul style="list-style-type: none"> • Slides presentation • Flipcharts and markers |
| Lunch | | 1 hour (1.00 - 2.00 p.m.) | | | |
| Activity | Group Discussion/Case Study | 15 mins | Plantation Sketch | | |
| M3 COMMON INSECT PESTS AND DISEASE OF ECONOMIC IMPORTANCE | Bunch moth | 1.5 hours | <ul style="list-style-type: none"> • Lecture • Discussion • Q&A | | <ul style="list-style-type: none"> • Samples of Scientific articles and reports • Slides Presentation |
| Tea Break | | 15 mins | | | |
| End of Day 1 | | | | | |

DAY 2

| ENABLING OBJECTIVES | CONTENT | DURATION | METHODOLOGY | ASSESSMENT | MATERIALS |
|--|---|---------------------------|--|----------------------------------|---|
| | Pep-talk | 15 mins | Participants assessment of first day lectures | | |
| M4 COMMON INSECT PESTS AND DISEASE OF ECONOMIC IMPORTANCE | <ul style="list-style-type: none"> • Termites | 1.5 hours | <ul style="list-style-type: none"> • Lecture • Discussion • Q&A | | <ul style="list-style-type: none"> • Samples of Scientific articles and reports • Slides Presentation |
| Tea Break | | 15 mins | | | |
| M5 COMMON INSECT PESTS AND DISEASE OF ECONOMIC IMPORTANCE | <ul style="list-style-type: none"> • Ganoderma | 1.5 hours | <ul style="list-style-type: none"> • Lecture • Discussion • Q&A | | <ul style="list-style-type: none"> • Samples of Scientific articles and reports • Slides Presentation |
| Lunch | | 1 hour (1.00 - 2.00 p.m.) | | | |
| Activity | | 15 mins | Plantation Sketch | | |
| M6 ROLE PLAY | Action plan and monitoring the outcome of pest and diseases control | 2.5 hours | <ul style="list-style-type: none"> • Interactive group discussion • Group presentation/ report | Evaluation of group presentation | <ul style="list-style-type: none"> • Slides presentation • Flipcharts and markers |
| Tea Break | | 15 mins | | | |
| End of Training (5.00 p.m.) | | | | | |