



Mosquito management course

Draft program

The Sebel, 1 Marco Polo Drive, Mandurah
9 – 13 September 2024

Monday, 9 September 2024

Time	Session
10:00am	Registration/ morning tea
10:30am	Welcome
10:35am	Official opening
10:45am	Introduction to course
11:00am	Mosquitoes and arboviruses: A primer
11:45am	Mosquito biology and ecology
12:30pm	Lunch
1:15pm	Theory of mosquito control
1:45pm	Mosquito surveillance and monitoring techniques
2:30pm	Demonstration of common mosquito collection techniques
3:30pm	Afternoon tea
3:45pm	Planning, funding, legislative and environmental considerations for mosquito management
4:15pm	Group photo
4:30pm	Industry presentations and trade displays
5:30pm	Networking sundowner



Tuesday, 10 September 2024

Time	Session
9:00am	Chemical control of mosquitoes
9:30am	S-methoprene for control of mosquitoes
10:00am	Morning tea
10:20am	Calibration of mosquito control equipment
11:10am	Practical demonstration of mosquito control equipment
12:00pm	Lunch
12:45pm	Ross River and Barmah Forest viruses
1:15pm	MVE, WN _{KUN} , JE and exotic viruses
1:55pm	JEV and the 2022 outbreak in eastern Australia
2:15pm	JEV response in WA
2:45pm	Managing mosquitoes in wastewater and effluent re-use situations
3:15pm	Afternoon tea
3:30pm	Explanation of field work
	Travel to field sites
3:45pm	<ul style="list-style-type: none">• site investigation• set adult mosquito traps
5:00pm	Finish
6:00pm	Course dinner



Wednesday, 11 September 2024

Time	Session
7:30am	Retrieve mosquito traps
8.00am	Freeze down mosquito samples
8:30am	Cultural mosquito control/ Public awareness, and communications
9:10am	Physical mosquito control
9:30am	Constructed wetlands
10:00am	Morning Tea
10:30am	Planning a mosquito management program
11:00am	Adult mosquito identification and general considerations for mosquito identification
12:00pm	Identification of adult mosquitoes
1:00pm	Lunch
	Detailed site investigations by groups
2:00pm	<ul style="list-style-type: none">• Larval surveys• Adult trapping• Ground Surveillance
5:00pm	Close



Thursday, 12 September 2024

Time	Session
7:30am	Retrieve mosquito traps
8:30am	Freeze down mosquito samples
9:00am	Doctor notifications and enhanced disease surveillance data
9:10am	Larval mosquito identification
9:40am	Larval photo presentation
10:00am	Identification of larval mosquitoes
10:30am	Morning tea
11:00am	Identification of adult and larval mosquitoes from field collections AND Group larviciding exercises
12:15pm	Lunch
1:00pm	Mosquitoes as a quarantine issue
1:20pm	Case study: introduction of exotic mosquitoes at Perth airport Identification of adult and larval mosquitoes from field collections
1:40pm	AND Group larviciding exercises
2:50pm	Afternoon tea
3:10pm	Other insects of public health importance – bed bugs
3:30pm	Other insects of public health importance – ticks
3:40pm	Other insects of public health importance – march flies
3:50pm	Trap maintenance demonstration
4:00pm	Identification of adult and larval mosquitoes from field collections AND collation of results for final report and presentation
5:00pm	Finish



Friday, 13 September 2024

Time	Session
8:00am	Finalise field work presentation
9:30am	Presentation and discussion of results by each field group
10:45am	Morning tea
11:00am	Presentation and discussion of results by each field group (continued)
12:15pm	Presentation of certificates and course conclusion
12:30pm	Lunch
1:00pm	Finish and depart
