

BAC Environmental Biosecurity Surveillance Equipment

By Matilda Davis, Biosecurity Officer, Butchulla Aboriginal Corporation's Land and Sea Program, 2021

BAC Forest Surveillance Kit:

BAC tablets – use to record data

Bio Surveillance notebook and stationery – use to record data

1x BAC camera – use to photograph sites, signs (pests, pathogens, and weeds) and symptoms

4x Helmets – use when collecting samples, like branches, from above

4x Safety glasses – use where necessary

2x gaiters – use to protect from snake bites in the field

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2x GPS – use to record site locations and safety

2x UHF handhelds – use for field communications and safety

2x Binoculars – use for monitoring up in treetops, on top of dunes and far away

4x Headlamps

4x Land lens – use for examining tiny signs (pests, pathogens, and weed seed) and symptoms

1x Multitool Leatherman knife – use for collecting samples

1x Pruning saw – use for collecting samples

1x Secateurs – use for collecting samples

1x Small axe – use for collecting samples

1x Mattock – use for collecting samples

1x pole pruner – use for collecting samples

1x 500ml pump bottle containing 70% methylated spirits (350ml) and water – use in collection vials with acid free paper labels written with pencil

1x roll of marking ribbon – use to mark trees of significance (write on with permanent marker), ensure that you remove the marking ribbon from the tree when it is no longer needed and dispose of it responsibly

Permanent markers and labels – use to label bags and vials storing samples, write the contents, date and location collected

Large, medium, and small vials – use to store insect/larvae samples

Paper bags – use to store germplasm

Resealable plastic bags – use to store soil/root samples and insect samples (include foliage insects were found on to keep them alive)

Use the large plastic garbage bags from the BAC Environmental Biosecurity Kits for large samples.

Use the paper towel from the BAC Environmental Biosecurity Kits to absorb moisture in plastic bags containing samples.

Use the BAC Environmental Biosecurity Kits to clean BAC Forest Health Surveillance equipment after each use.