

# MONITORING GUIDELINES

## for *Bactrocera dorsalis*

Abbr.

*Bactrocera dorsalis* - BD

FruitFly Africa - FFA

Methyl Eugenol - ME

Production Unit Code - PUC

### WHY MONITOR

- BD is a quarantine pest
- Monitoring data is required for special program registration
- Pro-active eradication/ control

### HOW MANY TRAPS NEEDED

BD not present

- 1/PUC
- 1/100 ha

BD present

- 1/PUC
- 1/25 ha

### WHICH TRAP

- Bucket trap
- Lure: ME Dispenser
- Be cautious of cross contamination when handling ME.
- Insecticide: Dichlorvos strip
- Coat support wire with sticky ant barrier or Vaseline

TWO YELLOW STRIPES  
ON THORAX

CLEAR WING WITH  
CONTINUOUS DARK  
COSTAL BAND

DARK T-SHAPED  
MARKING ON  
ABDOMEN

OVIPOSITOR  
(FEMALE ONLY)

### NOTIFICATION

If in a BD free area:

- Notify FFA; Eloise du Plessis (eloise@fruitfly.co.za or 021 882 9541)
- Send specimen in vial to FFA

### PLACEMENT

- In the vineyard
- In the host vine
- 1,5 m above ground
- Place in shade
- Clear of leaves
- Additional trap in home garden

### MONITORING

- Monitor all year
- Bi-weekly

### REPLACE ATTRACTANT

- Every 6 – 8 weeks

### RECORD KEEPING

Datasheet with the following details:

- Province and region
- Farm Name
- PUC
- Host/ cultivated crop
- Vineyard block number
- Date
- GPS coordinates
- Keep records