

## Large scale Production of Technologies

### TNAU Production

#### Pre-harvest spray

EFF (diluted) distributed in India - **352,050 litres**

Area coverage = **35,205 acres of mango orchards**

#### 2. Post-harvest dip

Qty. of EFF (diluted) distributed in India - **17,500 Litres for Banana**

Qty of fruits dipped for domestic /export market - **175 tonnes of banana fruits**

Qty. of EFF distributed for other fruit crops (Guava, Grapes, Papaya) in India - **1500 litres**

Qty. of other fruits treated - **15 tonnes**

#### 3. Nano-stickers

Number of stickers used / experimented / distributed - **400**

Number of carton boxes treated - **400 (each box carries 2-3 kgs of mango / banana**

#### 4. Nano-sachet

Number of pellets used / experimented - 100

Number carton boxes treated - **100 (each box carries 2-3 kgs of mango / banana**

#### 5. Vapour

Number of carton of boxes exposed

Banana - 150

Mango - 100

Tomato - 10

#### 6. Nano-film developed from bionano-particles (banana fibres)

Number of films developed / used - **25 films**

### Sri Lanka (Anticipated) Production

#### Pre-harvest spray

Tree Fresh Formulation (TFF modified EFF) - 500 litres produced by Hayleys Agriculture Pvt. Ltd., for marketing and distribution in Sri Lanka as of March 2018. 20 litres prepared as samples for distribution at the launch on 22nd March 2018. Projected production 1000 litres per day as per market demand

#### Bio Wax

Hexanal Incorporated ITI Bio-wax - 200 litres produced by Hayleys Agriculture Pvt. Ltd., for marketing and distribution in Sri Lanka. 20 litres prepared as samples for distribution at the launch on 22nd March 2018.

Projected production 250 litres per day as per market demand.

#### Hexanal Incorporated Composite Material (HICM)

Number of HICM cards used / experiment - 90

Number carton boxes treated - 90 where each box carried 2-3 Kg of mango.

#### Banana fibre based fruit wrap

Number of fruit wraps distributed as samples

(Mango collection and distribution centre and large grower) - 900