

Disease

Fungal spores can exist on footwear clothing and easily be moved across the landscape through human activities to create infections in our orchards. Hygiene station/kit is the most effective way to prevent this disease spread.

Utilising a hygiene kit is a cheap, effective and easy way to manage disease on our farms.

Hygiene Kit

Content of kit

- Protective clothing
 - Overalls that are washable or disposable
 - Waterproof footwear for tubs kit
- Tub Kit
 - a** Plastic sheeting
 - b** Two sturdy plastic tubs
 - Two plastic containers
 - c** One with Fungicide, phytoclean
 - d** One with Water
 - e** Brush and implement to remove dirt from soles
 - f** Spray bottle - methylated spirits or alcohol >70% and water
 - g** Alcohol or chlorine wipes - for glasses and phone or Ziplock bags to keep phone in the field
 - h** Clean sealable bags - for placing overalls and washables i.e., hats or bags and rubbish



Clean Side

Dirty | Orchard Side

How to set up and use a hygiene kit

- 1** Lay out a plastic sheet on the ground and place the footbaths on top.
- 2** Fill one footbath with water & the other with disinfectant. Fill the footbaths to a few cms up your shoes. Have spare water and disinfectant on hand to refill the footbaths.
- 3** Place your camera and/or mobile phone inside a zip lock bag so they can be used without removing.
- 4** Divide the station into two sections, where one side is "dirty" (the side toward the infected orchard/block) and the other side is "clean." Lay out the other items of your hygiene kit on or near the plastic sheet, ensuring you can reach them from the side closest to the infected "dirty side".

Decontamination

- 1** Return to the hygiene station after exiting the orchard, clean equipment first and then yourself. If you forget something you will need to repeat the decontamination procedure.

Decontaminating tools and equipment

- 2** Where possible, remove organic matter before spraying or dipping tools & equipment into disinfectant. Allow the disinfectant the recommended amount of time to kill the fungus (refer to label). Once disinfected, put reusable equipment on the clean side of the hygiene station. Put any single-use items into a rubbish bag/bin for later disposal.

Decontaminating people

- 3** Step into the first footbath (water) and thoroughly scrub off any soil & organic matter from the outside & base of your shoes. Then second tub with fungicide.
- 4** Do not forget to wash your hands with methylated spirits/water solution spray throughout the process, after handling dirty items and before touching clean items.
- 5** Remove your outer layer of protective clothing and place it into a sealable plastic bag for washing later.
- 6** Step out of the footbath and onto the clean side of the hygiene station.
- 7** If practical, take off shoes & put on clean shoes (decontaminated shoes can be left to dry).
- 8** With clean hands, remove your mobile phone from inside the zip lock bag & dispose of the zip lock bag.
- 9** Wash down hygiene station items & car at the car wash.



Restrict any movement of plant material at your property if infected

Footware Hygeine

Hygiene station

Effective against Chestnut blight, Phytophthora sp. or other diseases in infected areas with high traffic



Brush System

Simple system used to remove soil from shoes



Hygeine Tub Kit

System using Fungicide, phytoclean, water and brush



For more information

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YOUR HYGIENE STATION IN THE CHESTNUT ORCHARD

Chestnut blight a lethal fungal disease

