

FOC CASE HANDLING PROTOCOL

DEFINITION:

The FOC Case Handling is also a part of “Case to Case” Shukaku-Riki treatment. Unlike to the Mat-to-Mat treatment, FOC Case Handling is focus only to every FOC case that will occur and to the direct adjacent uninfected mats which aims to prevent the rapid spreading of FOC within necessary distance from infected mat to its direct adjacent mats and to take care of all the retained followers from infected mother plants through religious application of Shukaku-Riki for healthy recovery, boosting and enabling them to produce packable bananas. FOC Case Handling can be considered as very practical alternate to the existing eradication SOP with a lower operational cost with high probability of population and production recovery. FOC Case Handling is highly recommended to the areas where FOC case occurrence is rated or consider as low infection or within thresh-hold level.

METHODOLOGY:

I. Preparation

1. Mixing rate of Shukaku-Riki is 15 ml in one (1) liter of water. Filled the spray tank (16 liters cap.) @ 240 ml total pure Shukaku/tank. For 200 liters (1 drum) of water mixing, dilute 3 liters of Shukaku-Riki.
2. Calibrate the knapsack sprayer’s solution discharge to ensure that the necessary amount of solution would be exactly deliver to the plants.

II. Timing of Applications

Best to apply the solution during cool environment/ morning.

III. Treatment Procedures

1. Treat first the uninfected direct adjacent 7 mats by drenching through spraying a 1-liter solution to the soil covering 2-3 ft radius from the base of each mat before approaching the FOC case for perimeter disinfection and preventive measures.
2. Treat the infected mat by drenching through spraying a 1- liter solution to the soil of the infected plant covering 2-3 ft radius from the base.
3. Cut the pseudo stem of the infected mother plant, retain at least man high of it without touching or eradicating the follower to save it as future production unit.
4. Chop the removed pseudo stem into 3 pieces including leaves and place all the debris on at least 1 meter distance from the retained follower.
5. Spray the 500 ml solution to all the debris and spray the 500 ml solution to the soil of infected plant covering 2-3 ft radius from the base.
6. Install appropriate identification tags onto the retained followers and adjacent mats to easily monitor and identify them for the following treatments.

7. Repeat the application as maintenance in seven-day interval, spray 200 ml solution in both infected and uninfected adjacent mats but the treatment for the 7 uninfected (adjacent) mats shall be limited to only 6 months and for the remained follower/s of infected mother plants shall be continually treated until harvest.

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