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How to mass produce *Metarhizium anisopliae*

1. Prepare materials for mass production

- Equipment:**
1. Pressure cooker/autoclave
 2. Inoculating chamber/Laminar Flow Hood

Supplies:

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| <ul style="list-style-type: none"> ▪ Artificial culture media ▪ Polypropylene plastic bag (9 x 16) or any heat-resistant plastic bag ▪ Inoculating loop/inoculating needle ▪ Glass syringe, 10 ml (dispenser) ▪ Detergent (all-purpose) ▪ Ethyl alcohol ▪ Denatured alcohol ▪ Glass stirring rod ▪ Chlorox | <ul style="list-style-type: none"> ▪ Cotton ▪ Rubber bands ▪ Alcohol lamp ▪ Spatula ▪ Hand sprayer ▪ Lighter/match ▪ PVC Ring ▪ Palay/corn |
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Glassware:

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| <ul style="list-style-type: none"> ▪ 500 ml and 1000 ml beakers ▪ 250 ml and 500 ml flasks | <ul style="list-style-type: none"> ▪ Test tubes ▪ Petri dishes |
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2. Prepare and inoculate artificial culture media (See techno tip on How to Prepare and Inoculate Artificial Culture Media)
3. Prepare palay substrates (See techno tip on How to Prepare Palay Substrates)
4. Inoculate palay substrates (See techno tip on How to Inoculate Palay Substrates)

Source

PhilRice, 2002. Rice Technology Bulletin on *Metarhizium*: Microbial control agent for rice black bug.

Reviewed by:
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