

May 30, 2022

Version 1

Beetle rearing media V.1

DOI

dx.doi.org/10.17504/protocols.io.8epv59d3jg1b/v1

Yin-Tse Huang¹, Tina¹

¹KMU



tina

Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN  ACCESS



DOI: <https://dx.doi.org/10.17504/protocols.io.8epv59d3jg1b/v1>

Protocol Citation: Yin-Tse Huang, Tina 2022. Beetle rearing media. **protocols.io**

<https://dx.doi.org/10.17504/protocols.io.8epv59d3jg1b/v1>

License: This is an open access protocol distributed under the terms of the **[Creative Commons Attribution License](#)**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: In development

We are still developing and optimizing this protocol

Created: May 23, 2022



Last Modified: September 13, 2023

Protocol Integer ID: 63053

Keywords: rearing media ambrosia beetle, media ambrosia beetle, beetle

Abstract

ambrosia beetle rearing

Troubleshooting

- 1 The recipe produces enough medium to fill approximately 36 culture tubes.(12cm)
First, add powder or solid, then add liquid

A	B
component	amount
streptomycin	0.35 g
Wesson's salt mixture	1.25 g
yeast	8 g
corn starch	8 g
casein	10 g
agar	30 g
sucrose	5 g
wheat germ oil	2.5 ml
95% ethanol	5 ml
redbay sawdust	200 g
deionized water	580 ml

- 2 All ingredients were mixed thoroughly, then put cotton plugs into the mouth of the filled tubes.
- 3 The culture tubes was autoclaved at 121 °C for 30 min.
- 4 Put culture tubes to dry 2 night in oven.
(cotton plugs don't remove)