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Modified beetle rearing medium

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ABSTRACT

[Modified beetle rearing medium](#)

MATERIALS

1. 9~10 Glass tubes (20*3.5cm) with plug for only one side (opening of the other side)



2. a bundle of tin foil
3. big plastic box for mixing the ingredients

OPEN ACCESS

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Protocol status: Working
We use this protocol and it's working

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Start making the medium!

1

First, Add the dry ingredients

A	B
Chloramphenicol	0.47g

A	B
Wesson's salt	1.33g
Yeast	6.65g
Casein	6.65g
Starch	6.65g
Surcose	13.3g
Agar	26.6g
Liquidambar Sawdust	130g

Note

*The Sawdust need to be ground before using

2 Second, add the wet ingredients

A	B
wheat germ oil	2.5ml
95% ethanol	5ml
water	500ml(still need to be test)

a little bit too wet for adding 565ml of water

3 Mix all of the ingredients in the box and fill into the tube for 3/4 full (about 75ml)

4 Use the stick to compress the ingredients inside the tube.

- 5 Cut the tin foil into small pieces and fold it twice to cover the open side of the tube.
- 6 Autoclave the filled tube at 120°C for 20 min.

7



Done!