

DIY SBB - GARDENS Brewing & Application Factsheet

DRAFT 29 Nov 22

Step 1 – Prepare **Starter** - see DIY SBB – Gardens Starter & Application Factsheet

Step 2 -- **Brewing**



Examples of home brewing kits



- Pump - requires 1 L air / 1 L water / minute.
- Control taps - between pump and aerator to adjust air flow rate.

Enough air needs to be pumped to give 2 – 8 cm boil on the water surface – a very jumpy surface. Drill small holes along both sides of horizontal pipe at the bottom of drums. Aim for complete agitation at bottom of tank.

Mix	#	40 L non-chlorinated water
	#	50 ml fish emulsion
	#	100 ml Seaweed
	#	100 ml Biology Booster (sea-minerals and humic acid mix)

Soak 4 L Starter for only 10 minutes, break it up by hand and add to the tank

Brew for 24 – 48 hours

Apply within 3 - 4 hours after stopping aeration, biology starts dying without oxygen

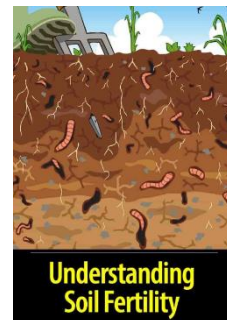
Step 3 -- **Application of Brew**

Apply 40 L / 4000 square metres – higher rates are great

- Strain the brew, after brewing, and remove any restrictions in application equipment
- Use gravity when possible.
- When pumping, keep pressure below 60 psi.
- Avoid sunlight, irrigate or water brew into soil

Additional water may now be added to ensure the mix is washed into the soil

Note: As a precaution we suggest to brew in an open space and use a face mask when inspecting during aeration. Not all soil fungi are human-friendly in high concentrations.



Further DIY Soil Biology Booster Factsheets may be found at:

<https://www.gladstoneconservationcouncil.com.au/gcc-campaigns/regenerative-agriculture/>

For further information and advice, contact Trevor Galletly and Peter van Beek