1000 litre BAM recipe

What you will need

- 100l of BAM concentrate for 1000l litre IBC
- 50l of molasses
- Clean IBC
- Water trap

Preparation

1. Make sure the IBC is clean...no chemical residues etc. really important with biological brews. Ideally food grade IBC. We can source them for you or give you a number for them.
2. Drill a 15 ml hole in the lid. Take a one meter length of standard 15 ml garden hose and poke one end through the lid into the empty space at the top of the tank.
3. Attach a two-litre coke bottle filled with water to the metal frame, 2/3 of the way up the outside of the tank, using plastic ties.
4. Alternatively to 1 + 2 – Ballarat Brew centre (ripon street North) sell water traps with a rubber grommet ($6/ea). Drill a 13mm hole and insert water traps. Fill water traps with water to maximum levels as indicated.

   NOTE: when I moved the IBC a few hours after brewing the BAM with a pallet truck. The BAM had started brewing gas and created gas pressure. The movement of the pallet truck resulted in the water blowing out of the water traps...so maybe add 3 or 4 instead of 2. or do coke bottle solution might be more effective

Getting started

5. Half-fill a 1000 litre shuttle with water, before adding 100 litres of BAM and 50 litres of molasses.
6. Note: we typically dissolve the molasses with 50/50 water in twenty litre drums with a hose, before adding it to the tank, so that it doesn't clump, undissolved ,in the tank bottom
7. It is always a good idea to pre-position the shuttle on concrete blocks high enough to gain access with a 20 litre bucket under the tap at the bottom.
8. Now, fill the tank with water and screw on the lid.
9. 5) Place the other end of the meter long length of this hose, deep into the coke bottle.
10. The bottle will bubble as the BAM brews.

11. Take samples from the lower tap, but when the brew hits a pH of 3,5 it is complete and will have a shelf life of at least two years. The time taken to brew depends on the ambient temperature's, .i.e. colder – longer.
12. Storage - keep the IBC in a shed, ideally out of direct sunlight and cool if possible, .i.e. covered IBC. Remember this will IBC will have millions/billions of microbes in.