

How to make Permafert and what to do with it! permachar.net

**Biochar from Flat-Tiki 'Carbon'/Kon-Tiki 1.2m (+ pH adjustment with phosphoric acid and pH meter then drain the water)**

Sun dry biochar on tarps down to 20% moisture content

**BBT 7hp Electric Key Start Garden Mulcher / Chipper (inc 16 hammers) OR a solar-powered electric hammer mill**

**The Permafert Midden (TPM)/Terra preta vermicompost (TPV)/compost pile (milled biochar, plant waste, foodscraps, animal manure, earthworms, soil samples from around the property (with soil biology), Mycorrhizal fungi/other fungi etc, urine).**

**Compost tea in a 20l bucket (or larger system)->aerate water for 1hour to remove Chlorine and other noxious gases->add tea bag (inoculum from the TPM/TPV placed inside a laundry bag), molasses, SEA-90 (or other sea minerals) and aerate for 24 hours->stop aeration->add tea brew to milled biochar within 1 hour)**

**Add milled biochar to bottom half of IBC (with tap) then add tea brew, more molasses, blood n bone, liquid kelp, worm oil et al (whatever your plants need), mix and leave for 24 hours**

**Permafert (a slurry)**

**Misc eg. agroforestry systems, vineyards, orchards et al, add as a topdressing or into holes or trenches**

**Add to the other IBC half and add mix from TPM/compost pile/spent Terra preta vermicompost castings/loam**

**The Permafert Swale (TPS)**

**Permachar Wicking Pots (PWP)**

**Permachar Kitchen Gardens (PKG)**