

Charcoalab Pot Trials

The Charcoalab Project
September 2007

Supported by:



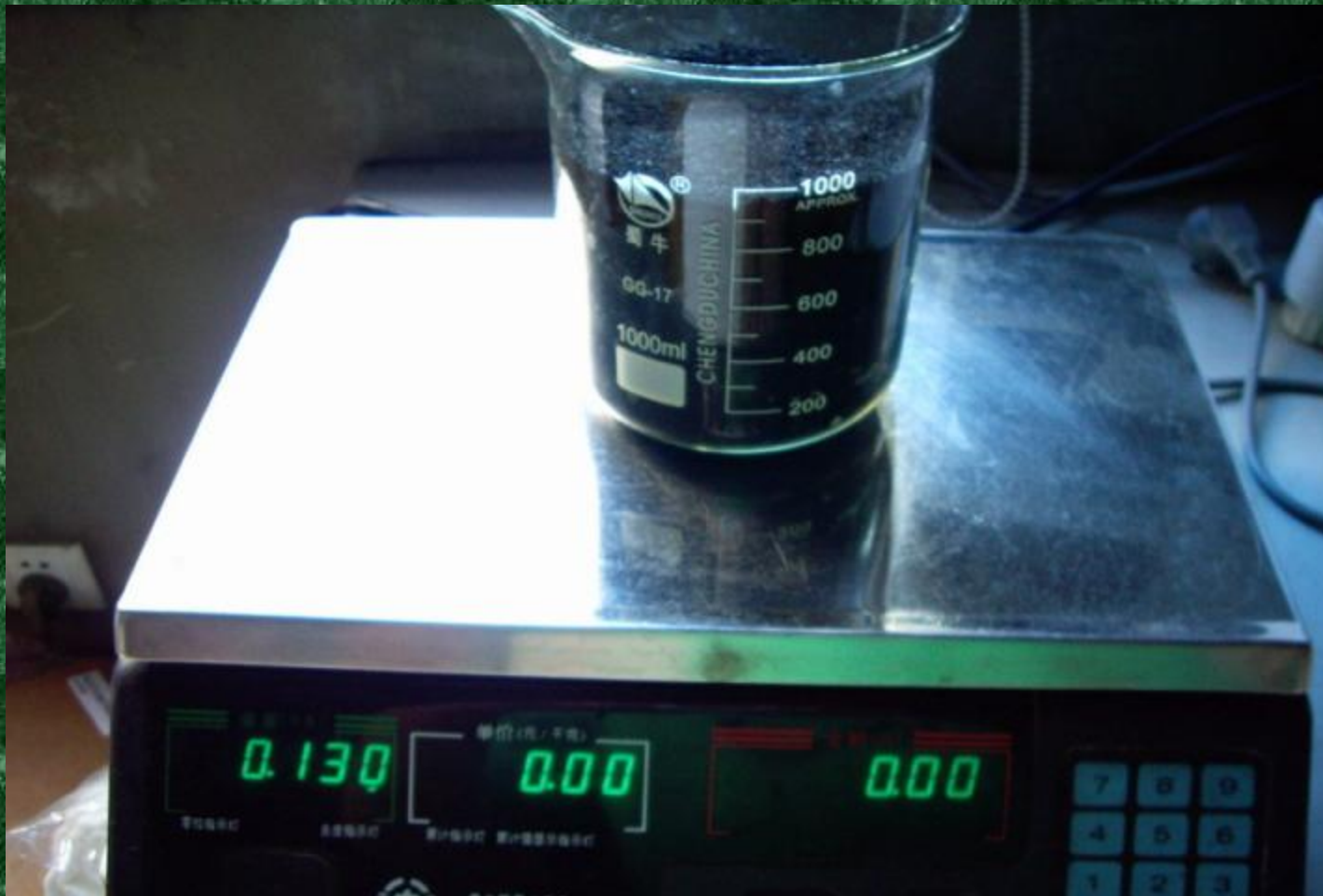
Collect enough soil to fill six pots, then spread it out in a dry area for a few days to allow it to dry out



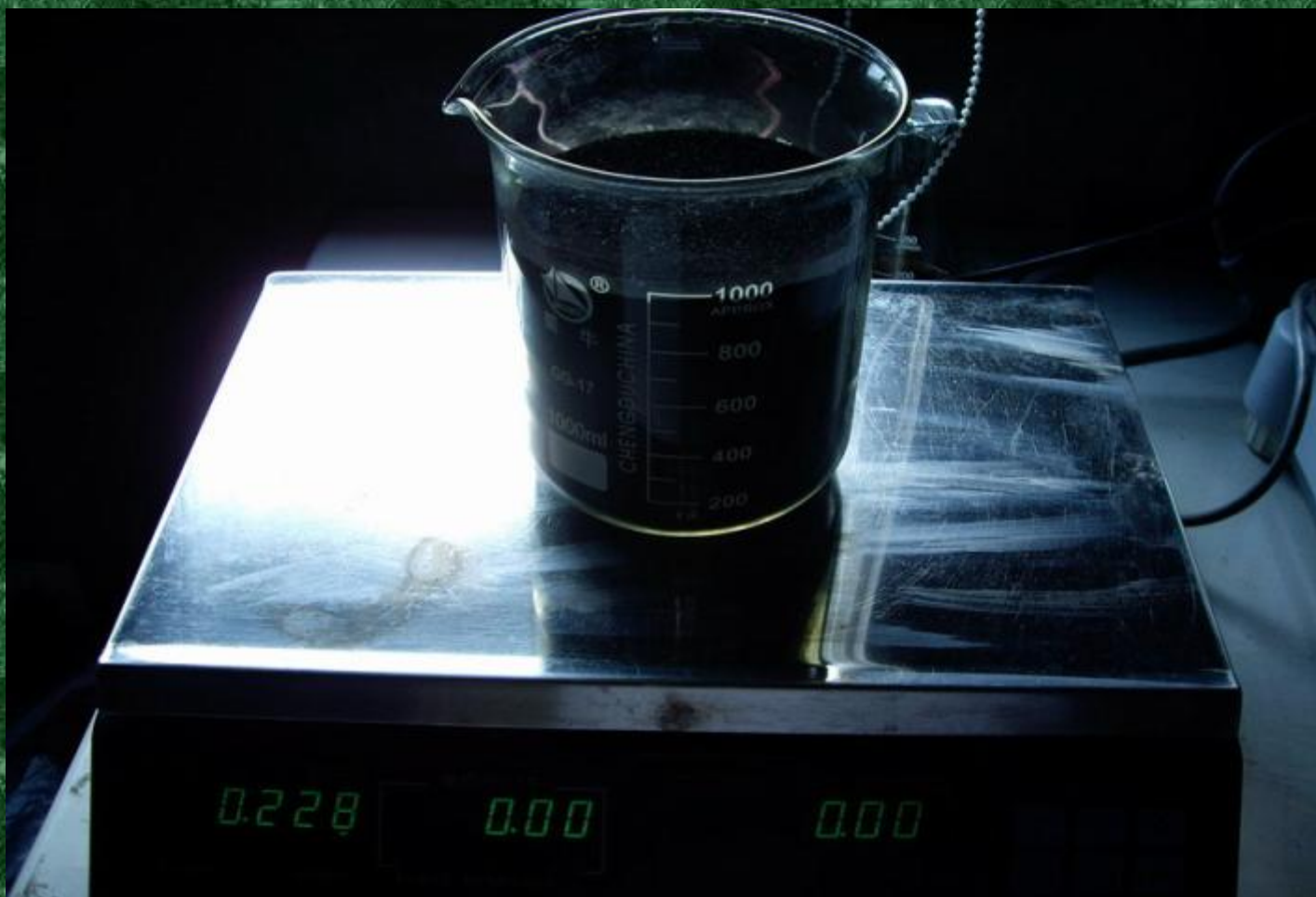
Here I'm using the ratio 2:1 soil to charcoal. Remember not all charcoal has the same density, in this case we're using rice hull charcoal so it's very light.



1L of Rice hull charcoal made at 500C weighs 130g



1L of Bamboo charcoal made at 500C weighs 228g



The weight of the soil will depend on the type and moisture content so we're measuring by volume



First add the charcoal to the mixing bag



Next add the soil to the mixing bag



Then start mixing



After mixing, the charcoal should be well spread through the soil



Then fill three of the pots with the soil + charcoal mix



Don't forget to clearly label and number the pots.

Fill the remaining three pots with soil (no charcoal)



Make sure all the pots are clearly numbered and labeled

Then take out your seeds



Plant two seeds in each pot



Make sure to water the soil before and after you
plant the seeds



Place your six pots in a well lit area



If possible put them outside in the garden



Take note of the plant height and number of leaves every week. Note any discoloration of the leaves.



Remember with our corn we are only growing one plant
so if both seeds germinate take out one



After thinning the corn



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Contact: charcoalab@yahoo.com

