Items needed for the IceMaster washing machine system.
1) Top loading washing machine, the new 'swirl action' machines that do not have a center agitator are perfect. Manufactured by Haier, LG, Sears Kenmore and Whirlpool
2) 4 kg (8 lbs) ice or more
3) 100 liter (25 gallon) plastic bucket.
4) Small submersible pump, available in gardening & D.I.Y Shops
5) 1meter (3 ft) of garden or similar hose to fit on pump
6) 3-4 large clamps (To hold the IceMaster bags in place)
7) Kitchen paper or clean cotton dish towels.
8) Steel mesh strainer (available in the kitchen department)

Tips for Using the IceMaster Washing machine system.

- Before using a top loading washing machine for the first time we advise you to clean your machine very well using a strong cleaner and very hot washing cycles and finally rinse the machine with lots of cold water.

- If you notice that the screens are clogged, clean them by dabbing them (on the screen only) between two soft cloths dipped in Isopropanol (96%) Alcohol.

- Make sure that the resin glands have been fully dried before leaving them to be stored in an airtight container, failure to dry completely will result in a mouldy product.

The IceMaster is the simplest and most efficient extraction method for the collection of resins, glands and pollen from plant material. The use of very precise screen size ensures the collection of different sized particles. We stock 220, 185 cleaner bags, 120,90,70, 45, 38 and 25 micron IceMaster catching bags as various plants have different sized resin glands and require different sized micron screens. the agitation of the washing machine is excellent for removing the frozen resin glands from plant material. Instead of washing powder to aid the agitation we use very cold water and ice. The cold water further hardens the frozen resin glands and the movement of the water and ice causes the resin glands to drop off their brittle stalks and sink into the water.

1: Place your frozen leaf material (1kg or 2 lbs) in the zippered and snapped Pyramid bag. and Put the zipped bag in the drum of the washing machine, then 1⁄2 fill it with COLD water and add about 4kg (8 lbs) of ice cubes or chunks. Ensure that not all the ice has melted, if it has, add more so that you have chunks of ice floating in the machine.

2: Tie the small 220mc IceMaster bag tightly around the washing machine's water discharge hose (use a clamp for security) and attach your 1m (3 ft) hose to the pump in the bucket. The larger IceMaster bags now go in to the bucket, in the order of lowest micron to highest, turn the edges of the bag(s) over the rim of the bucket and then secure them down with the clamps. Hang the discharge hose from the machine into the bucket and start the washing machine on its regular or main wash cycle.

3: Run the machine for 10 minutes, stop machine for 10 minutes, repeat 2 more times and then set to drain. When the water is pumped out of the machine it will flow through the IceMaster bags: the 1 gallon 220mc bag traps any leaf material that may have escaped the Pyramid work bag and the larger ones will collect your mature resin glands. Once all the water has been pumped from the machine, use the 1m (3 ft) hose and submersible pump to return the water from the bucket back into the washing machine. This process should be repeated 3-4 times.

4: Carefully rinse all the bags in the bucket, be sure to rinse the inside and outside as you go. Rinse down the insides of the larger bags, collecting all the resin glands in the bottom of the bags, then drain all the water out. Using kitchen paper or a clean cotton kitchen towel, fold it around the bottom of each of the large bags and gently press to remove excess water. Pressing too hard will result in the clogging of the silk screen.

5: Drying: Transfer the wet resin glands into a kitchen sieve and push the wet matter through the sieve with the back of a spoon or an old CD onto a piece of cardboard. The fine texture of the resulting powder dries much faster and more evenly than lumps. Allow at least 48+ hours for drying or when you seal it it will mould.

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