

Part One

Getting Bees Out the Many Ways

Getting Bees Out

- ☞ Bee Brush
- ☞ Bee Escape
- ☞ Fume Board
- ☞ Bee Blower

Getting Bees Out

Bee Brush



Getting Bees Out

Bee Escape Boards



Porter



Triangle



Cone

Getting Bees Out

Fume Board



Bee-Quick



Bee-Dun



Bee-Gone



Honey Robber



Bee-GO

Getting Bees Out

Bee Blower



Getting Bees Out

- ✎ **Best to extract day of removal.**
- ✎ **Store bee tight warm area.**
- ✎ **Best to store in freezer if not extracting.**

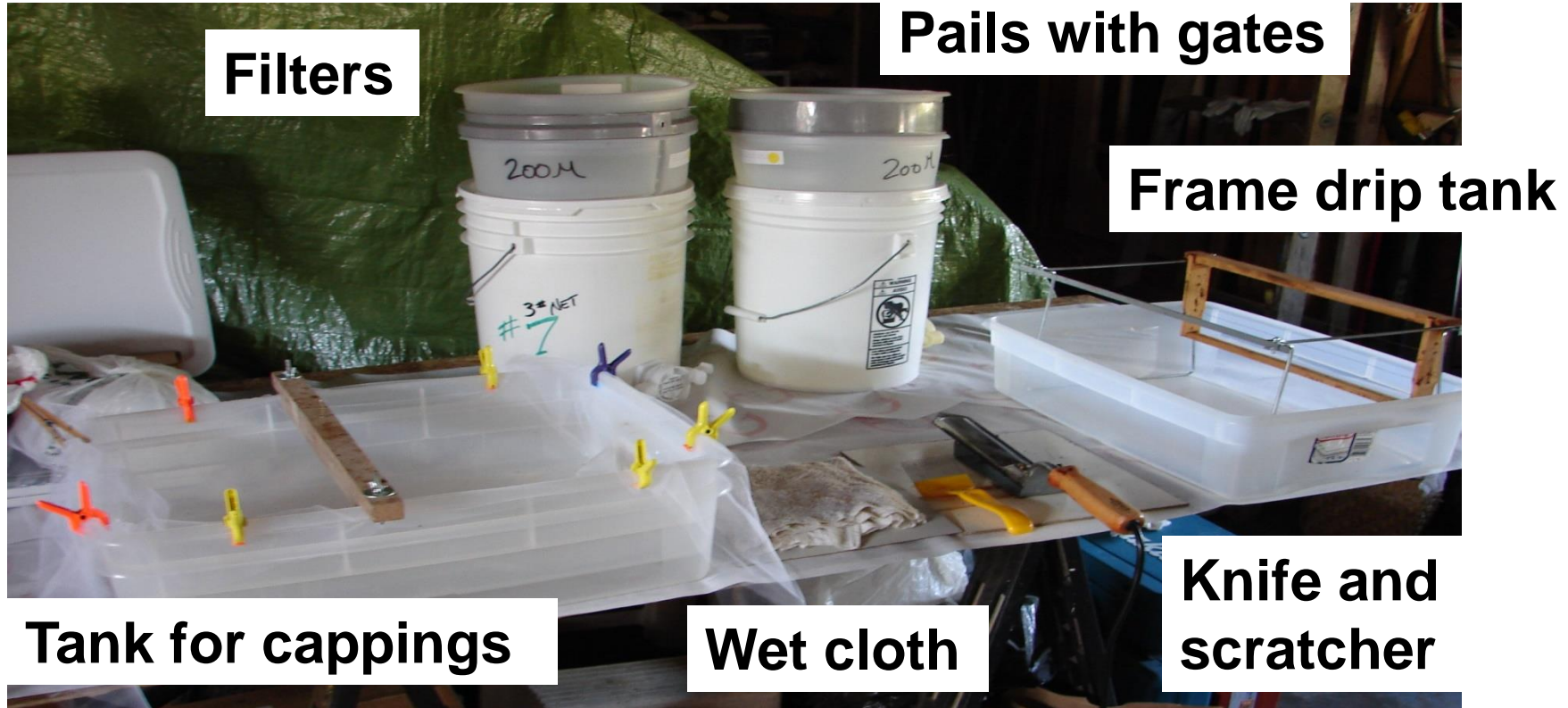
Part Two

Getting the Honey Out

Getting Honey Out

- **Extractor**
- **Pros: Best way to get liquid honey.**
- **Saves comb for next season.**
- **Cons: Requires more equipment and bee tight area.**

Getting Honey Out



Getting Honey Out



Extractor

Cover floor

Wash-up water

Getting Honey Out

- ✎ **Extract all fully or mostly capped frames first.**
- ✎ **Using a new pail extract partially capped frames.
(check moisture with refractometer, dry if above 18.2%)**
- ✎ **Any frames not capped should be feed back to bees or extract in separate pail and feed back in feeder.**
- ✎ **Do not store uncapped frames with nectar, it will ferment.**

Getting Honey Out

- ✎ **Balance frames.**
- ✎ **Keep honey gate open.**
- ✎ **If use using an tangential extractor, spin first side at slow speed then reverse, spin this side at full speed, reverse to first side and finish spinning out honey.**
- ✎ **If using radial extractor no need to reverse frames.**

Getting Honey Out

Radial Extractor



Tangential Extractor



Getting Honey Out



Getting Honey Out

- ✎ **Storing Honey Frames Dry.**
- ✎ **Do not put out frames to allow bees to clean up. (this attracts yellow jackets and encourages robbing)**
- ✎ **If you want bees to clean up frames put back on hive above a inter-cover and only leave for a couple of days.**

Getting Honey Out

- ✎ **Storing Honey Frames Wet.**
- ✎ **Store in tubs, plastic, or honey boxes.**
- ✎ **If using tubs be sure to plug holes in the area of handles.**

Getting Honey Out

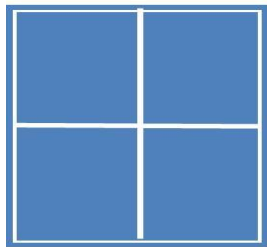
- ☞ Protecting Honey Frames From Waxmoth.
- ☞ Before placing in storage put all frames in the freezer for 2 days to kill waxmoth eggs or use para-moth. (para-dichlorobenzene)
- ☞ Do not use naphthalene moth balls.
- ☞ Store frames in containers with tight-fitting lids or stack supers with layers of newspaper on top and bottom of stack.
- ☞ If para-moth is used, air out frames for a couple of days before putting back on hives next season.

Getting Honey Out

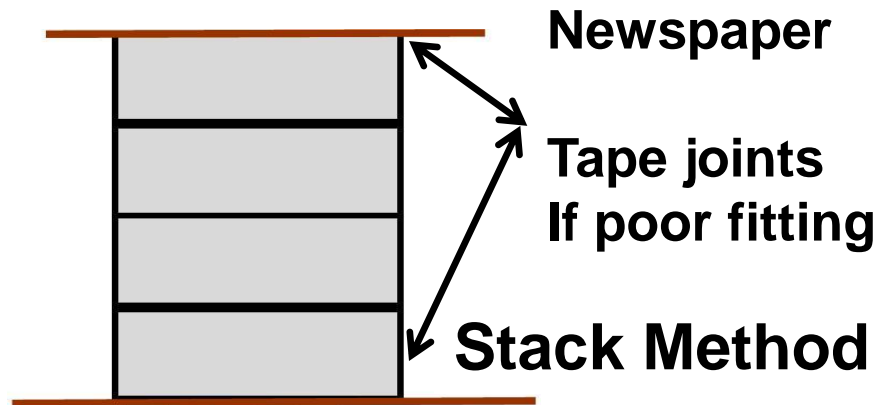
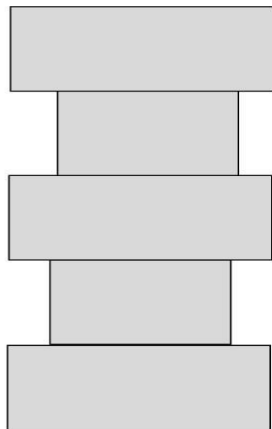
∞ **Prepare Honey Frames For Storage.**

∞ **If using freezer allow frames to warm to room temp before placing in tubs or bags.**

∞ **Scape excess wax from frames.**



Morris Method



Getting Honey Out

- ∞ **Clean Honey Boxes Before Storing.**
- ∞ **Scape top and bottom edges, frame rest and any comb on inside box walls.**
- ∞ **Wash boxes with bleach solution and allow to air dry.**
- ∞ **Store in dry bee tight area.**

Getting Honey Out

- **Cutout Comb and Comb Systems**
- **Pros: One way to get honey with Top Bar hive.**
- **Cons: Bees have to build new comb next season.**
- **Requires bee tight area.**

Getting Honey Out

Cut Comb



Comb Systems



Getting Honey Out

Cut and Crush

Getting Honey Out

**Cut and
Crush**



Part Three

Rendering Wax

Rendering Wax

Washout honey from capping's.



**Rinse 3 times
with tap water**



Rendering Wax



Oven Method
Require low oven temp

Rendering Wax

Double Boiler method



**Require 2 melts
and straining.
Melting capping
that have been
rinsed will only
require one
melt.**



Rendering Wax

Double Boiler method

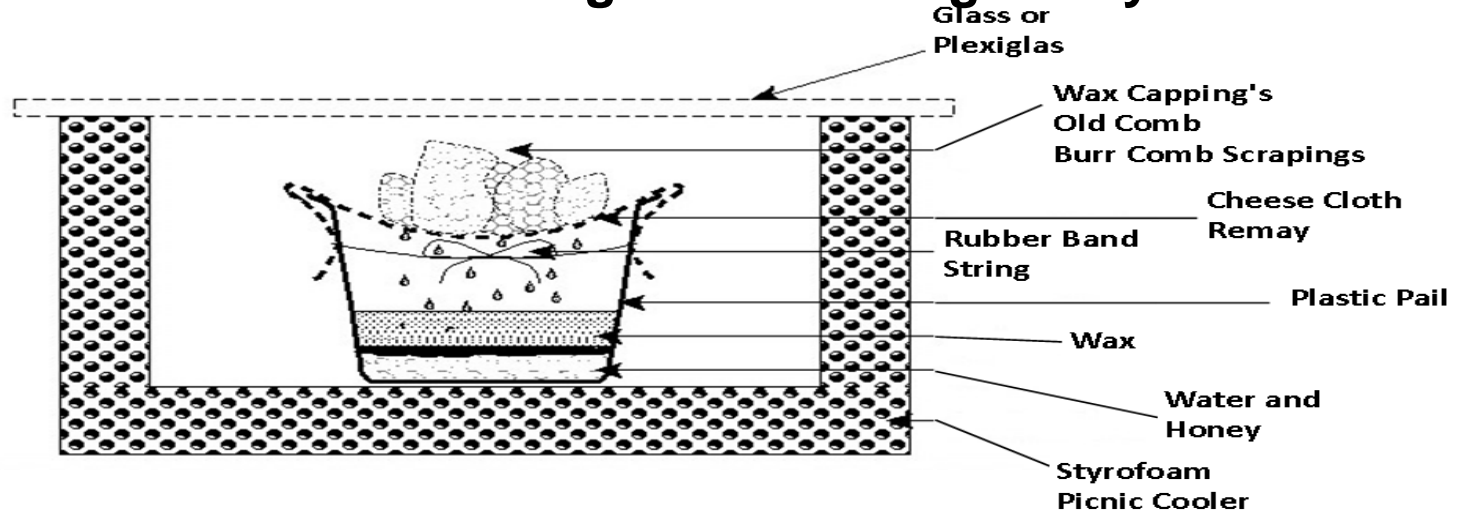


Rendering Wax

Homemade Inexpensive Solar Wax Melter

Place in sun with glass cover in place after wax has melted remove glass.

Allow wax to cool before straining and removing honey.



Rendering Wax

Homemade Inexpensive Solar Wax Melter



Rendering Wax

Homemade Inexpensive Solar Wax Melter



**To collect
propolis
remove filter
sheet before it
cools and
freeze**

Rendering Wax

Homemade Inexpensive Solar Wax Melter



**Allow wax
to cool then
drain.**



**Use double boiler to process for candles.
Ready to use for lip balm, lotions, etc.**

Rendering Wax

Double Glass Solar Wax Melter



**Will get very hot
and melt
propolis.
Best used for
rendering old
frames and
queen excluders**

Rendering Wax



Rendering Wax

First Melt Pot



Rendering Wax

Melting Pot



Rendering Wax

Pour Slow



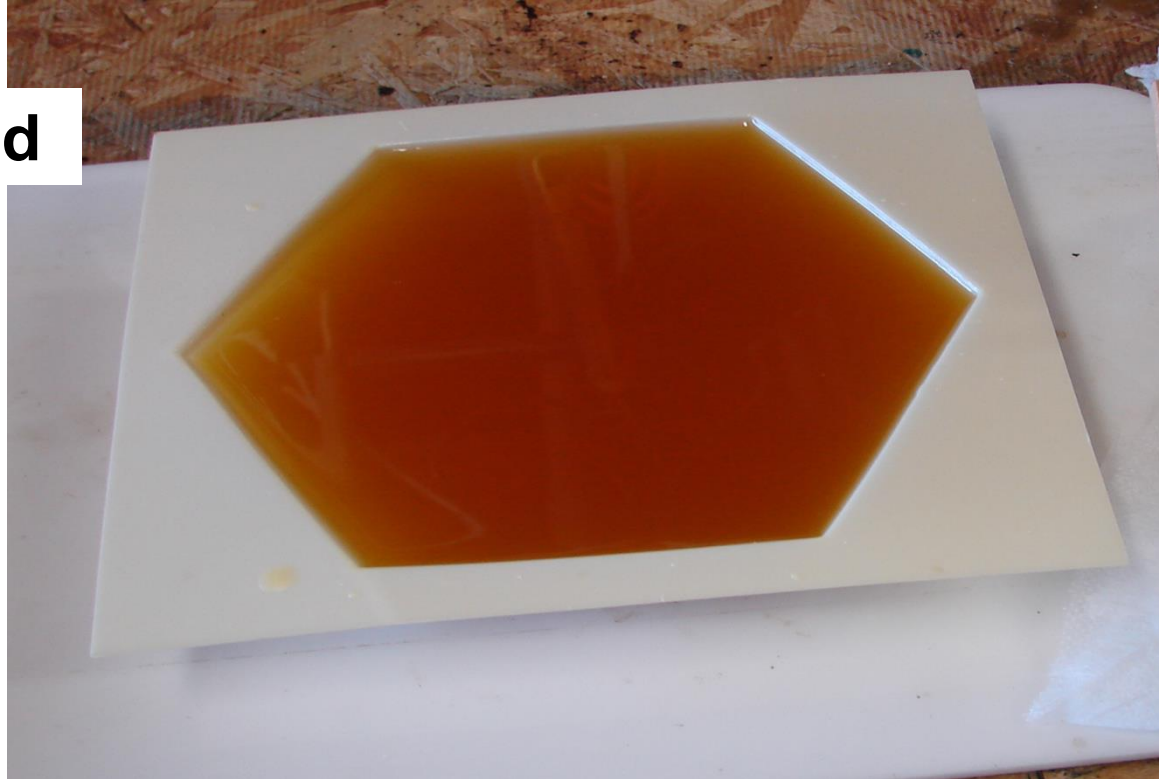
Rendering Wax

**Cotton Cosmetic
Pads Hold Some
of the Debris**



Rendering Wax

Level Mold



Rendering Wax

**Allow to Cool
Before Moving**



Rendering Wax

Mark Molds With
Weights



I Process Wax and Mold
into 1oz, 8oz, and 16oz Blocks



What is this stuff called 'Bloom' on my Candles?

Bloom is a naturally occurring, powdery substance, appearing on the surface of Beeswax candles and is an indication of purity and high quality beeswax.

If you have beeswax that has developed this blooming effect it is easy to get rid of if desired. Simply wipe it off or better yet use a hair dryer.

Rendering Wax

**This is not the end, but
hopefully the
beginning of you
journey into candles
and lip balm.**