



**Amateur
Beekeepers
Association**
NSW PARRAMATTA

CLUB LOAN EQUIPMENT PROCEDURE

The following has been developed to provide you with relevant information when loaning Club equipment.

C O N T E N T S

- 1. Responsibilities**
- 2. Club kit contents**
- 3. Additional items you will require**
- 4. Considerations**
- 5. Extractor set up**
- 6. Honey extraction**
- 7. Clean up**
- 8. Loan equipment Agreement**
- 9. Borrower details**



1. Responsibilities

You must take care of Club equipment (the Kit). Our club is for our members to enjoy and share the pleasures of beekeeping.

Please treat the loan extractor and associated equipment with care. Please note that if you lose or damage the kit, it will be your responsibility to pay for the replacement of missing or broken components.

You will be asked to provide your name, ABA Club Number, address and contact phone numbers as you sign out on the receipt of the kit.

2. The kit contents

Please check the following items are included in the 'kit' when you collect it as it will be checked back in when you return it.

- SAF Natra two frame extractor (will extract 2 Full Depth or 4 Ideal frames)
- Cardboard box
- Detachable Legs - 3
- Leg screws - 6
- Alan key for screws
- Honey tap
- Extractor handle and shaft
- Perspex Lids - 2 (left and right)
- Electric uncapping knife (DO NOT IMERSE IN WATER) it will damage the thermostat. WIPE CLEAN with a moist cloth.
- Uncapping Box set - lid and interlocking baskets and base
- Honey sieve - suitable for 20 litre bucket only
- Metal uncapping frame holder / bar and pin (2 separate options for holding securing frames during the uncapping process)

3. Additional items you will require

- 20 litre plastic food grade bucket – (available from Bunnings)
- 40 mm honey gate – (available from Club store)
- Uncapping box strainer gauze – (available from Club store)
- Honey sieve strainer cloth - (available from Club store)
- 6 cable ties to attach metal frame holder to the uncapping box (available from Bunnings - 4.8 x 200 mm plastic ties)
- Metal container to rest uncapping knife, while uncapping
- Uncapping fork (available from Club store)
- Narrow paint scraper for removing wax from frames (available from Bunnings)
- Clean work area that meets the Health and Hygiene Requirements of Food Handlers - NSW Food Authority -www.foodauthority.nsw.gov.au
- 500 g jars or 1 kg plastic buckets - (available from Club store)
- Honey Labels – (Home or commercial printer of your design and choice)



4. Considerations

- Wash all equipment (both your own and loan) with hot soapy water and dry thoroughly prior to and following of extraction.
- Ant control - you will need to stand your bucket/s of honey for 24 hours to let the bubbles rise so as not to discolour your new honey and its presentation.
- Honey cappings – if you want to recover all your honey, you will need to let the honey cappings stand in the uncapping box for 24 hours. Then pour the honey from the storage part of the uncapping box through your honey sieve and strainer cloth.



- The cappings should be reasonably dry so you can now wash and process it to turn it back into a wax block. DO NOT leave any honey product, wax, frame or comb, in the open as it encourages robbing and could spread disease. If you do not intend to melt your wax immediately then store cappings in the fridge or freezer .
- Stickies (empty honey frames) – if your extraction is the last of the season or you are not returning your stickies to your hive immediately you will need to consider how to store your stickies. Stickies can be kept in a plastic storage box with fitted lid (available from Bunnings).
- If storing the Stickies for longer than a week you need to consider how you will keep out wax moth and small hive beetle. By placing a Fumitoxin tablet (available from the club shop) into a resealable zip lock bag, punching holes through it, the gas will disburse and kill any foreign pest left in your frames.
- Remember to remove the bag / powder residue at least 24 hours before returning the stickies to the hive so no residue of the gas remains on the stickies.



5. Extractor set up

The extractor comes boxed and needs to be assembled before you use it. Once used and washed please replace all components back into the box for return to the club equipment custodian.

To assemble the extractor, the following steps apply:

1. Remove the 3 legs from the corner compartments
2. Remove the plastic bag containing:
 - a. Leg screws - 6
 - b. Alan key for screws
 - c. Honey tap
 - d. Extractor handle and shaft
3. Using Alan key and screws attach legs
4. Screw in honey tap and close cap securely using the butterfly screw
5. Using Alan key affix extractor handle using the shaft
6. Install perspex lids to either side of the extractor

6. Honey extraction

It is now time to set up your equipment and below we have a series of photos of how to quickly and efficiently extract your honey harvest

1. Set up the honey uncapping frame on the uncapping box.





2. Place the uncapping box strainer cloth into the box and attach all 4 corners.



3.



Place your sieve onto your 20 litre

litre



4. Position your extractor over the bucket.



5. Check both the extractor and bucket honey gates are screwed tightly.
6. Plug in your uncapping knife and warm it up. Place the hot knife into a suitable drip container, example a metal cake tin.



7. Select your first frame to uncap and place it into the uncapping frame holder or rest it on the bar and pin. Use your paint scraper to clean off excess wax from the frame woodware.



8. Using the heated uncapping knife, at about a 30-degree angle, run the knife down the frame to remove honey cell cappings.



9. Use your uncapping fork on any cells that are not open.





10. Place uncapped frame into extractor (refer to image at right)
11. Select another frame and repeat steps 7 to 10.
12. To avoid frame breakage during extraction turn extractor slowly and extract about 50% from first side.
13. Turn frames over and extract 100% of second side.
14. Turn frame over and extract final 50% from side one.
15. Remove first 2 frames and select next frames and repeat steps 7 to 14.
16. As you place the 3rd frame in the extractor open the extractor honey gate to allow honey to flow through the sieve and to the bucket.



17. Once you have extracted all frames elevate the back leg of the extractor so that all the honey flows into your bucket (a house brick used as a prop is ideal for this job).
18. Close the extractor honey gate and return the back leg to the floor.
19. Poor the uncapping tray honey into the bucket via your sieve and strainer.
20. Allow honey to stand in the bucket, overnight or for 24 hours to disburse the bubbles.

7. Clean up

Wash all honey lids and containers in hot soapy water and dry thoroughly.

1. Elevate your bucket and decant to your honey jars / buckets.
2. Wash all equipment with cold and then hot soapy water.
3. Dismantle the extractor and equipment and return for next awaiting user.



8. Loan equipment Agreement

Loaned to:		Date loaned:	
ABA Number:		Date to be returned:	
Address:		Mobile:	

Item Description	Loaned Condition (G – good, F – fair, R - repair required)		Insert Initials
	Circle	Comment	On loan out
Extractor Box	G / F / R		
Extractor and legs	G / F / R		
Bag – 6 screws, Ian key, handle and shaft, honey gate	G / F / R		
Perspex lids (left and right)	G / F / R		
Uncapping box	G / F / R		
Uncapping frame	G / F / R		
Honey sieve	G / F / R		
Electric uncapping knife	G / F / R		

I, _____ (club member name), agree, I am loaning the equipment referred to above, I have checked Kit contents and agree I am responsible for the return of all equipment in good and clean condition.

I agree, if whilst loaned out to me, damage to equipment occurs or component(s) are lost, I agree I am responsible to pay (in full) for replacement components and / or repairs.

Name: _____ Signature: _____



9. Borrower Details

Note: This page is to be retained by the Custodian to complete on return of loan equipment

Loaned to:		Date loaned:	
ABA Number:		Date returned:	
Address:		Mobile:	

Item Description	Returned Condition (G – good, F – fair, R - repair required)		Insert Initials
	Circle	Comment	On return
Extractor Box	G / F / R		
Extractor and legs	G / F / R		
Bag – 6 screws, Ilan key, handle and shaft, honey gate	G / F / R		
Perspex lids (left and right)	G / F / R		
Uncapping box	G / F / R		
Uncapping frame	G / F / R		
Honey sieve	G / F / R		
Electric uncapping knife	G / F / R		

I, _____ (club custodian name), have received the returned club equipment referred to above, I have checked Kit contents and found that items have been returned in a condition that is:

- satisfactory – no further action
or
- unsatisfactory – cost of repairs, replacement of lost components to be borne by the 'borrower.

Name: _____ Signature: _____
(Club Borrower)

Name: _____ Signature: _____
(Club Custodian)