HiveSmart[HQ]

From Extractions to Honey Sales

Overview

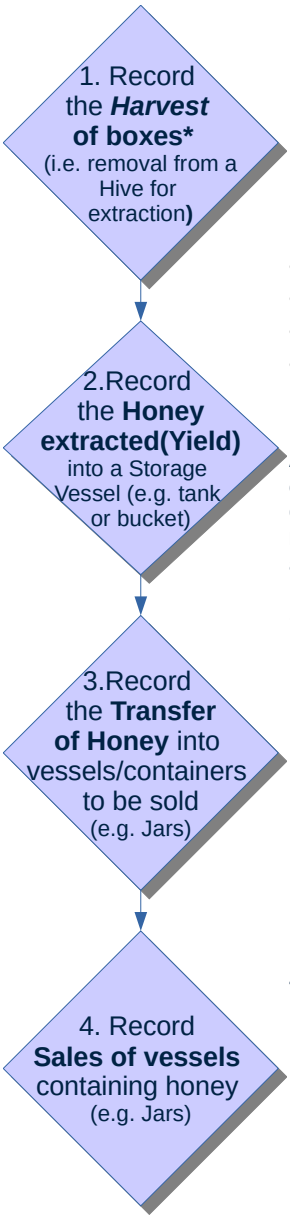
HiveSmart[HQ] provides the ability to:

- record the extraction of Honey
- track vessels (containers) that have honey in them
- record the sale of honey by vessel/container

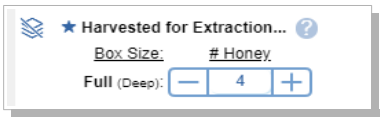
The app automatically keeps track of the honey that's been extracted by the **Location** from which it came - "source of origin" in food production terminology.

In addition to the amount/quantity of honey that came from each **Location**, the app also associates the money earned from sales of that Honey to the source **Location**.

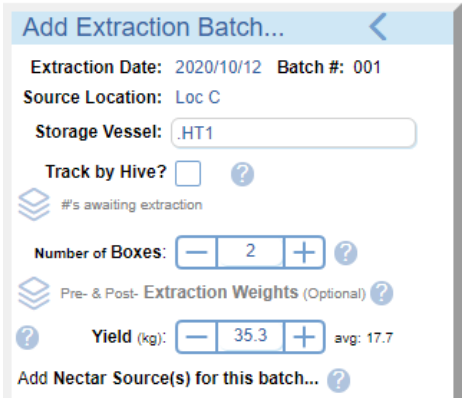
The app even provides the option for honey amounts and earnings to be tracked back to the individual **Hive** if desired. The overall process is:



1. Add a **Service**/inspection on a Hive (via **Hive Management > Add Service**) & record the quantity of honey boxes* "harvested" (i.e. removed for extraction).

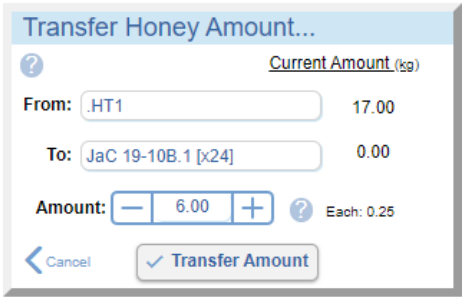


2. Record an extraction of honey (via **Honey Extraction**) specifying:
   - the source of the harvested boxes*
   - the quantity of boxes* processed
   - the honey amount extracted (Yield)
   - the Storage vessel container (e.g. holding tank/bucket) that the honey was extracted into.

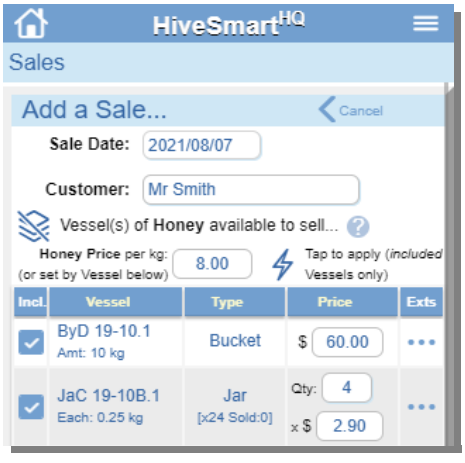


As this implies, the app needs to know about the container that will receive the extracted honey. Containers are "added" (defined) in the app via **Honey Inventory > Manage Vessels.** (This is also available via the **Honey Extractions** window.)

3. Record the transfer (shift) of honey between vessels. e.g. From a "holding tank/bucket" into one or more containers/vessels that are to be sold. Use **Honey Inventory > Transfer Honey** to do this. The volume/amount of honey associated with each vessel (container) is tracked. Note: The vessels to contain honey also need to be "identified"/added - via **Honey Inventory > Manage Vessels.**



4. Record the sale of Vessels (that have honey) via **Sales**



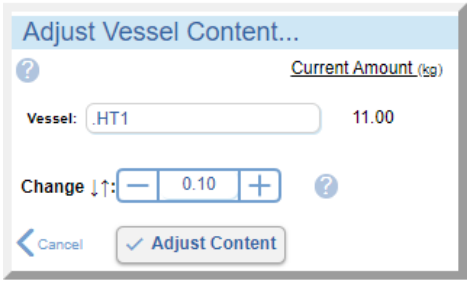
NOTE: Amounts can be tracked using the metric (kg) or imperial (lb) measurement systems. Select the preferred system via **App Options & Settings > Locale Preferences** prior to adding **Extractions**.

* Frames for Top Bar Hives if using the "some" or "all" TBH option in **General Hive Choices**

Skimming impurities, taking samples, spillages or removing dregs?

Use **Honey Inventory > Adjust Contents** to adjust the amount of honey in a vessel (i.e. when the amount is *not* going to be put into another vessel). This feature adjusts the amount of honey associated in that vessel only.

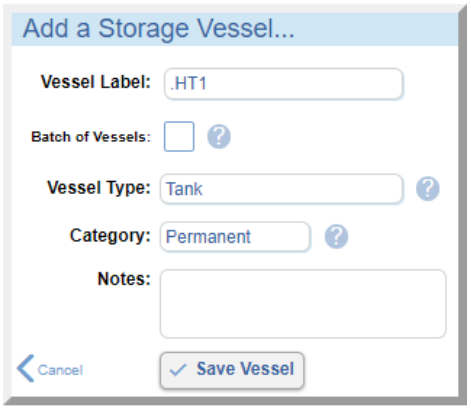
(Use **Honey Inventory > Transfer Honey** when shifting Honey from one Vessel to another. This adjusts the amount of honey associated with both the *From* and *To* vessels.)



Tips

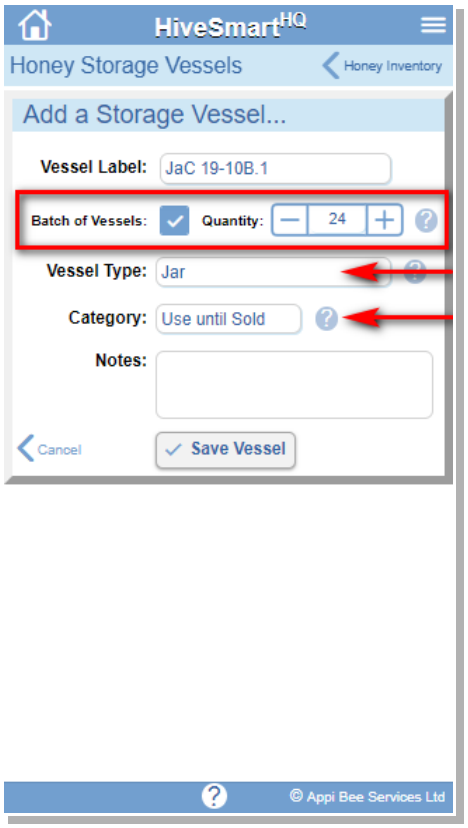
Before recording any Extractions:

- Add one (or more) containers to be used to hold honey from extractions (e.g. a tank, bucket) via **Honey Inventory > Manage Vessels >** *Add a Storage vessel*
  - If the container is going to be re-used (i.e. *not* going to be sold) choose "Permanent" as the *Category*
  - For the label, use a fullstop at the beginning (e.g. ".HT1" for a holding tank) Vessels are listed in alphabetical order so this forces it to the top of the list of vessels to make it easier to select when recording an **Extraction**
- There are four default Vessel *Types* (Tank, Drum, Bucket & Jar). These can be changed, or added to, via **App Options & Settings > Option Catalogs >** *Honey Storage Vessel Types*



For Vessels that will be sold:

- Add a series of vessels/containers that will be sold via **Honey Inventory > Manage Vessels >** *Add a Storage vessel* Select "Use until Sold" for the *Category.*
- When adding a vessel, specify whether it's an Individual vessel (e.g. a single instance as per the tank example above) or a Batch Vessel of multiple instances. i.e. If you are going to need jars for honey you can add 24 individual vessels OR a single "Batch" vessel that has a quantity set to 24. If you need to track a specific vessel, add it as an individual vessel.
- When you're unsure exactly how many vessels you need, start with a batch vessel and then add individual vessels to supplement as needed. e.g. If you're wishing to sell by 1kg jars, and there's at least 12kg of honey in a holding vessel but it could be more, then create a batch of 12 and add individual jars as needed.
- The Vessel label must be unique, so consider what to use carefully. e.g. A tracking number/code or perhaps something with meaning such as "JaC 19-10B.1". This example has:
  - an indicator of the vessel type "J" = jar, "a" as a size indicator. (This helps ensuring similar vessels are grouped together when listed in alphabetical order)
  - the type of honey e.g. "C" for Clover
  - the season or date extracted e.g. "19-10" for Oct 2019
  - "B" = batch vessel indicator,
  - allowance for multiple instances e.g. ".1"
- Additional Vessel *types* can also be defined to assist. e.g "Jar-1kg", "Jar-500g", "Jar-250g" (via **App Options & Settings > Option Catalogs >** *Honey Vessel Storage Types*)

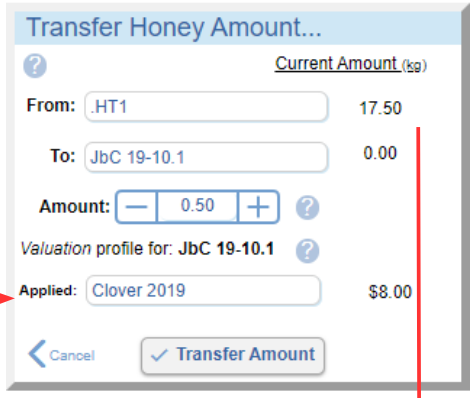


NOTE: The app tracks the *amount* of honey associated with a vessel (via **Extractions** and/or **Honey Transfers)** NOT the capacity of each container. i.e. labelling may be used to help indicate a vessel's capacity but it's the amount/volume of honey associated with the vessel (via **Transfers and/or Adjustments**) that is key.

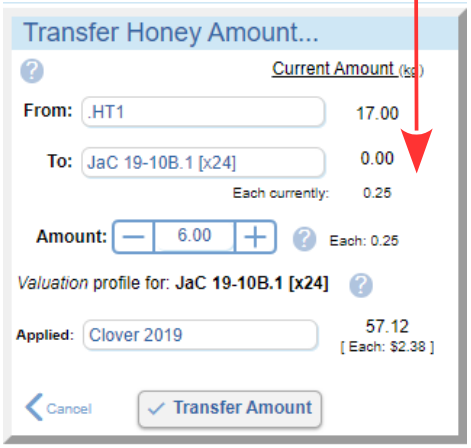
When honey is shifted from one container to another...

- Use **Honey Inventory > Transfer Honey** to reflect the amount of honey moved.
- When transferring to an individual (non-batch) vessel, the selected amount is added to the *To* vessel (and the amount associated with the *From* vessel is reduced).
- A *Valuation profile* may also be assigned to the vessel. This allows the inventory of *unsold* Honey to have a value associated with it.

Note: *Valuation profiles* provide for a pre-sale "valuation" as well pricing factors to be applied when calculating a default *Sale Price*.

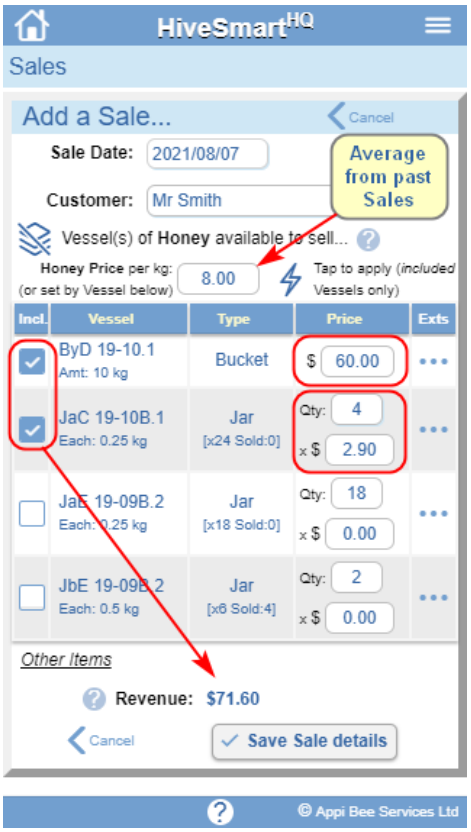


- If the *To* vessel is designated as a batch vessel, then the amount transferred is spread evenly amongst each instance within the batch. e.g. if a batch vessel has a quantity of 12 and 12 kg is transferred to it, 1kg is associated with each instance.
- For batch vessels, after there is an amount of honey associated, the specified Quantity in the batch can no longer be changed.



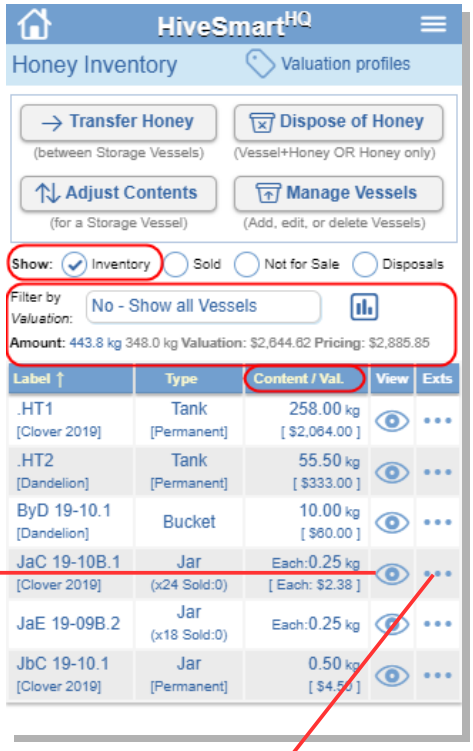
When adding a Sale of Vessels with Honey...

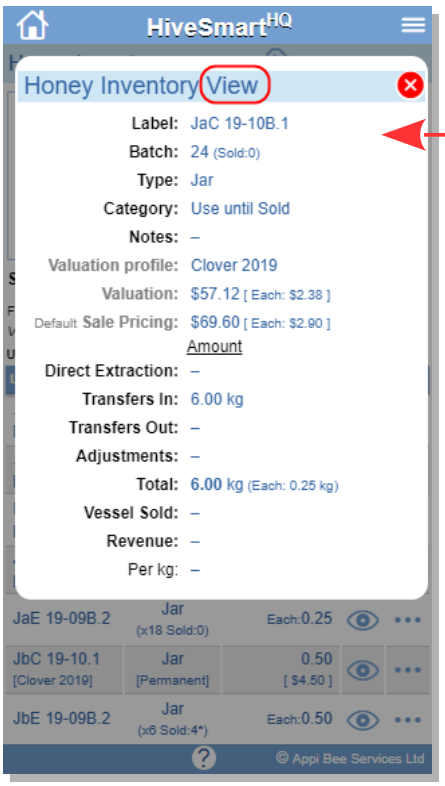
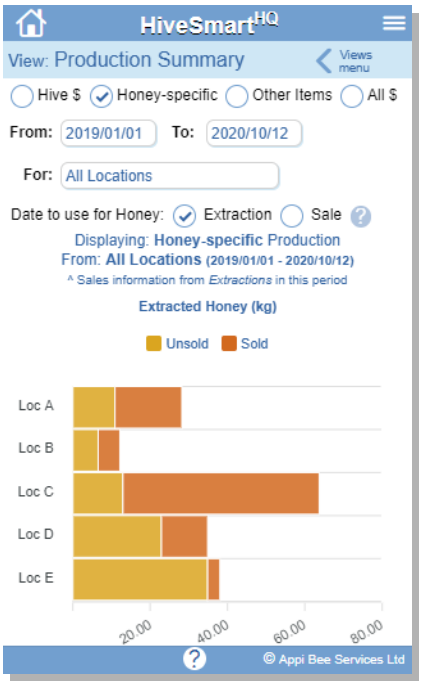
- The *default* Sale Price is automatically loaded (and can be modified as needed) for Vessels that have a *Valuation profile* assigned.
- Alternatively, choose to apply the average price (based on weight) from prior Sales OR simply input a price per vessel.
- For batch vessels, specify the *Quantity* from the batch that is being sold in this Sale. (The quantity of vessels in the batch that have already been sold is also displayed.)
- The list of unsold Vessels includes:
  * all individual Vessels that are unsold
  * batch Vessels where the total quantity has not been sold



Wish to know how much honey you have stored in vessels including where it comes from?

- Visit **Honey Inventory** to see:
  - the list of Sold & unsold Vessels - with the current amount of Honey associated with each
  - Any disposals of honey
  - For each Vessel, further details can be seen:
    - **View** details about the Vessel
    - Show the **Ext**raction(s) details for the honey in the vessel. (This information is also available in **Honey Sales** for each vessel.)





- **Views: Production Summary** provides reports on the amount of Honey produced by *Location* (and by *Hive* if you have chosen to track extractions by *Hive*). The amount of honey sold vs. unsold (and Revenue earned) for any specified period can be viewed.