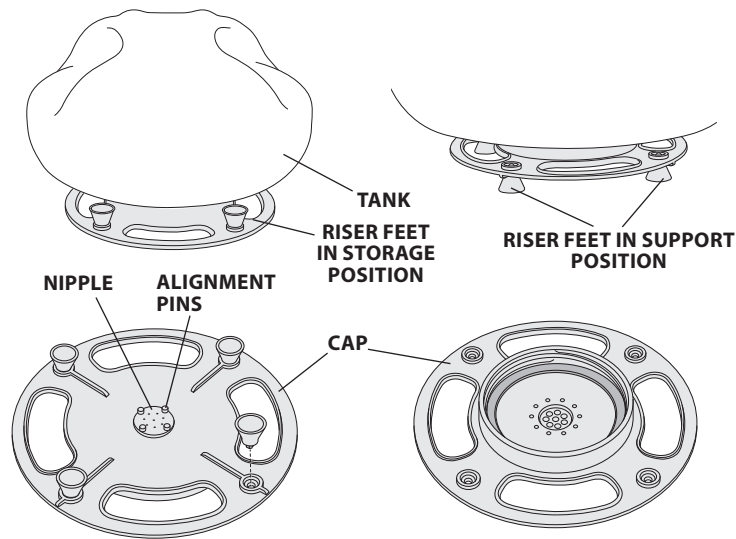


Bee Smart® Ultimate 3-Season Direct Feeder

D E S I G N S

US PATENT No. 11,234,417

USER GUIDE



IMPORTANT NOTES

- The tank may drip a little until a vacuum is formed in the TANK.
- Always fill tank with room temperature syrup to prevent dripping from pressure build up from hot/warm syrup.
- Fill the Tank to the brim before installing.
- If TANK continues to drip, make sure the gasket is properly seated and the CAP firmly screwed on. To test seal put hand over NIPPLE and invert, if leaking re-seat/tighten cap. Do Not Over Tighten.
- Installing a partially filled TANK will cause excessive dripping until vacuum is formed, always refill tank to top before re-installing.
- Changes in temperature and barometric pressure may cause a small temporary drip.
- 'Ultimate Universal Feeder' MUST be used with an inner cover.
- 'Ultimate Universal Feeder' works with any 8 or 10 Frame hive.
- Syrup level is easily viewed without opening hive or disturbing bees.
- Tanks can be swapped in seconds
- 'Ultimate Universal Feeder' works great with other Bee Smart® products:
 - Cover
 - Hive Stand
 - Bottom Board
 - Insulated Inner Cover
 - Robbing Screen

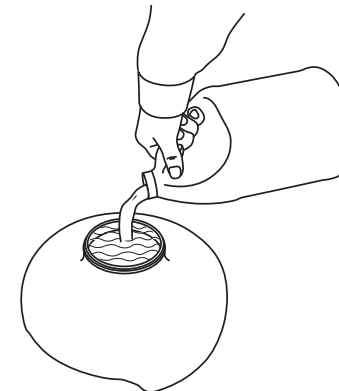
WARNING
Cancer and Reproductive Harm
www.P65Warnings.ca.gov

SAFETY HINTS

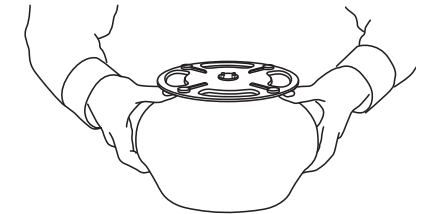
- Always wear protective gear when opening hive or working bees.
- Always check that tank is not dripping.

QUICK START

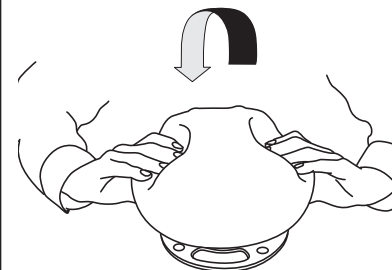
1. FILL ALL THE WAY TO BRIM.



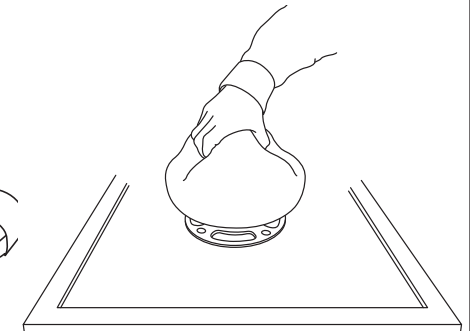
2. REPLACE CAP.



3. FLIP TANK OVER.



4. PLACE ON INNER COVER.



Mfg. by **Bee Smart Designs, Inc.** 195 Atlantic Avenue, Garden City Park, NY 11040 USA
www.beesmartdesigns.com

TO FILL TANK:

- Place TANK, handle down, on flat surface.
- Remove CAP and pour in up to 1 gallon of syrup or water. Room temperature syrup works best. Warm or hot syrup creates pressure in the tank and causes dripping.
- **Tank must be filled to top to create vacuum!**
Never fill tank part way.
- Screw on CAP firmly, **Do Not** overtighten.
- To test seal put hand over NIPPLE and invert – if leaking reseal and tighten CAP.
- Store TANK with NIPPLE facing up.
- TANK can be held by side grips or cap.

INSTALLING SINGLE FEEDER:

- **Tank must be filled to top to create vacuum!**
Never fill tank part way.
- Install a Medium or Deep box on the inner cover.
- Place TANK on inner cover, holding from the sides, with NIPPLE in center hole. ALIGNMENT PINS insure proper placement.
- Install telescoping cover. A rock or strap is suggested to keep cover in place.

INSTALLING DUAL FEEDERS/RAISED TANK:

- **Tank must be filled to top to create vacuum!**
Never fill tank part way.
- Remove the 4 RISER FEET from the CAP and install on the bottom of the CAP. The ALIGNMENT PINS fit through the hole and the sides into the support rings.
- The RISER FEET can be stored in the top side of the CAP when not in use.
- Install a Medium or Deep box on the inner cover.
- Place TANK anywhere on inner cover, holding from the sides. 8 Frame boxes accommodate 1 FEEDER. 10 Frame boxes accommodate 2 FEEDERS.
- Install telescoping cover. A rock or strap is suggested to keep cover in place.

WINTER FEEDING:

- Your feeder will act as a liquid candy board and is perfect for emergency Winter feeding. This will provide both liquid and food for survival.
- With a single Feeder the nipple is above the heat column and will provide syrup in most temperatures. The box can be wrapped or insulated for additional cold protection.
- For best results we recommend placing the Feeder on a Bee Smart® Insulated Inner Cover. An insulating board with a 1-1.5" hole in center will also work.
- 2:1 syrup, with or without stimulants, is suggested.

USING AS A WATERER:

- Fill TANK with room temperature water.
- Install the Feet: Remove the 4 Riser Feet from the Cap and install on the bottom of the cap; the alignment pins fit through hole and the sides into the support rings.

CLEANING TANK:

- Periodically rinse threads on cap and make sure all holes are open. Use a nail or pin to open any clogged feeding holes.
- Rinse tank with warm water to reduce build up of gunk by filling tank with warm water, attaching cap and shaking to loosen debris before emptying.
- Tank can be sterilized by:
 - Adding 1-2 Tablespoons of bleach.
 - Filling with cold water before attaching cap and shaking.
 - Letting sit for 5-10 minutes before emptying and rinsing.
 - Allow tank to sit open to dry.