

INSTRUCTIONS FOR MITEGONE TREATMENT IN TROPICAL AND SUBTROPICAL CLIMATES.



IN CARIBBEAN AND OTHER WET AND HOT CLIMATES, TREAT WHOLE YEAR WITH 65% FORMIC ACID IN INTEGRATED EVAPORATION AND ACID CHARGED SCREENED BOTTOM MITEGONE METHOD

DO NOT UNWRAP THE PADS
INSTAL PADS BY OPEND END DOWN

Performing Verification Testing Before Each Treatment in October is a Must

Tests at other times do not relate to our experience. Use Natural Drop collected over 3-5 days and prorated to 24 hours. Drops below 8-10 mites are proof your last treatment worked and you are below the economical damage threshold. (See testing for complete instruction.) Treat even with 'O' drop results. Each time, send at least 100 bees for slicing to confirm there are no trachea mites to cause damage.

In Mid October: As shown in our picture, install 4-5" pads in second box on a honey frame with preferably plastic foundation. Fasten pads to comb using toothpick halves; two halves for each corner of pad. Insert pads between frame and wall of box. Leave the pads in the hives until January.

Beginning of January: Re-soak the pads and return to hives. 3 half pads should do if some get heavily damaged. You may re-cut the evaporating surfaces. Dipping pads in acid, sterilize them and pads can be placed in different hives or transferred to splits.

Rule of Thumb: 2- 5"pads are required for each 5 frames of bees. (See treatment selection)

Before Main Honey Flow (May): Re-soak pads and put them flat in the recessed pan of bottom board under the 1/8 wire mesh, you are creating an acid-charged screen bottom killing mites which naturally fall off bees, and storing pads for re-use in October. Discard pads if using STD bottoms.

Benefits & Side Effects: Following this method will get rid of Varroa and Tracheal mites carrying viruses reduce Nosema and Chalkbrood, as well as the lesser wax Moth. It will also help to increase the effectivity of screen bottom boards and will possibly deter the small hive beetle from entering the hives.

Cost per Year per Hive: You will need 4 pads and 1 liter of acid for year round treatment. US pricing is valid – FOB – Tropical Shipping Warehouse – Pompano Beach, Florida.

Before You Call the Help Line Visit www.mitegone.com. Everything I know and you want to know is there. (See frequently asked questions, and Sign up for updates.)

For complete instruction see:

TREATMENT SELECTION - INSTRUCTIONS - EQUIPMENT – RULES - SECTION
READ & PRINT ALL DOCUMENTS APPLYING TO YOUR SITUATION OR INTEREST.

PRACTICALITY IN SAFETY.

FOR INSTALLING PREFILLED PADS FROM KITS TO HIVES:

- Only medium thick rubber gloves so you have comfort feeling in your hands are required. Carry the filled pads below your waistline.
- Incorporate the treatment into your management. Prepare all hives in bee yard for treatment so if you want to wear respirator: You wear it for a short time

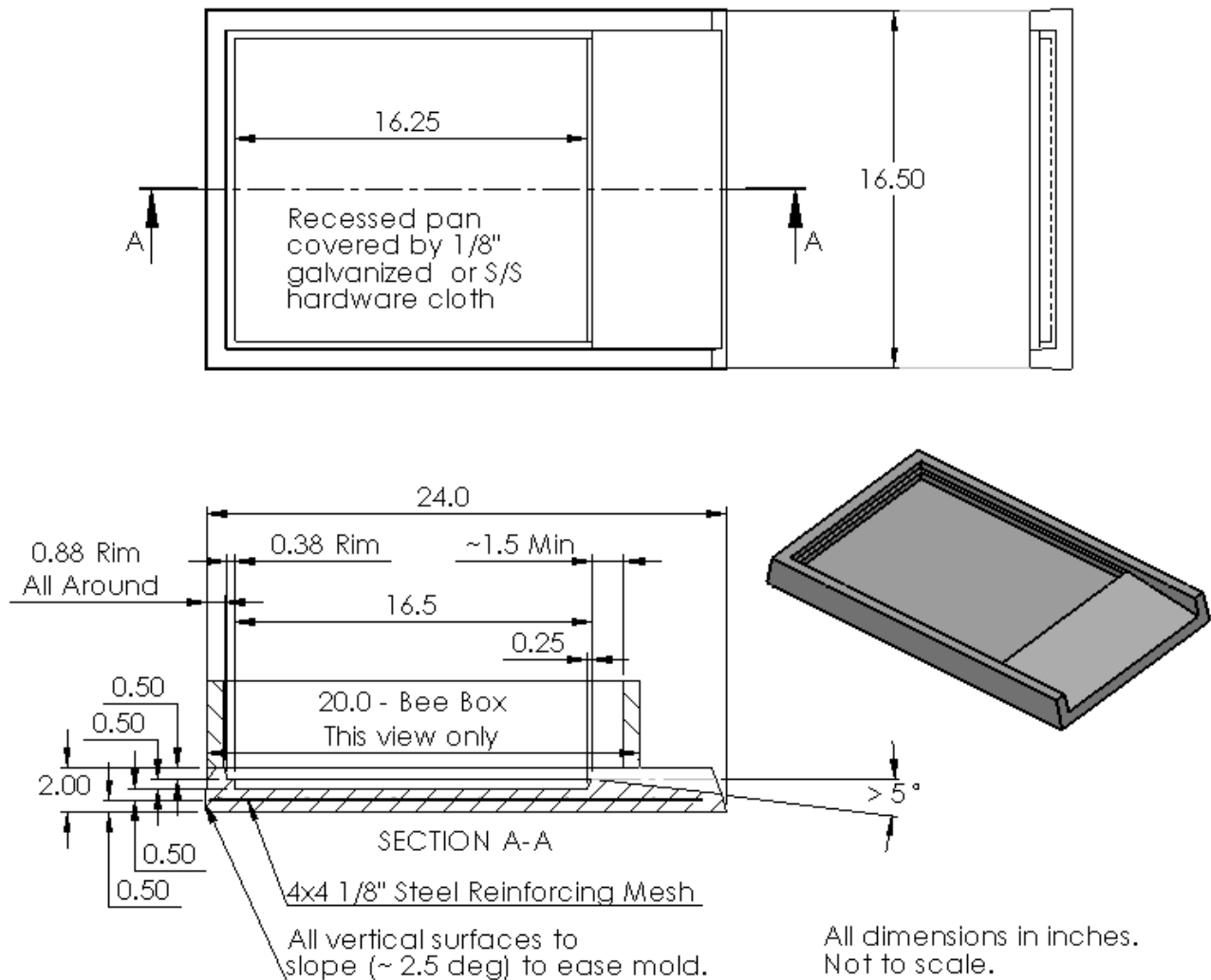
HANDLING, THINNING, FILLING DRY KITS, OR REUSE:

- Respirator with organic vapor cartridge and dust/mist filter: North safety product: 7700 half mask & 583-P100 cartridge is recommended for outside use. Rubber gloves, boots and thin rubber (rain) pants under overalls are required.
- **NEVER** work with acid inside.
- **NEVER** pour water into acid. **ALWAYS** acid into water.
- Never lift the barrels using a forklift above you. Use loading docks and always have the barrels or kegs on solid ground. Use the “submerged hose” method, with a tap so you can thin acid to 65% from barrels to small kegs without open pouring and funnels.
- Always use a scale on the ground for thinning and measuring in grams, kilos or pounds rather than measuring volume.
- Acid is hazardous material and cargo. The only safe and legal way to transport acid is in thick walled 25kg kegs that the acid is sold in or in containers approved by regulations.
- Never leave the tap on the container during transport.
- Set up the filling station in the bee yard down wind on a pallet on the ground.
- All filling is done below the knee level in the outdoor breeze while sitting in front of the filling station.
- After the yard is done, strain and pour unused acid back into the keg, replace the tap with the proper plug, wash all pails, baskets and acid laced equipment before going into the next yard.

FIRST AID: WATER! WATER! WATER!

- Have a water hose with clean running water ready.
- I bee yards have two pails of water, one open with a pitcher ready to dilute any spray or spills, and one sealed in case the open one accidentally tips over.

TROPICAL CLIMATE SCREEN BOTTOM BOARD



MATERIAL for tropical stationary beekeeping: Fine concrete or fired clay as used for pottery.

WOOD BOTTOMS can be easily modified by adding rims, screen and sloping entry.

THIS BOARD SOLVES: Flooding of hives by rain, decay of wood, and warping of plastic bottom boards.

THE BOARD SERVES AS: Test screened board by putting 12" X 16" styrene reusable drop board into the recessed pan. (See testing for drop board specification.)

THE PAN RETAINS concentrated formic acid fumes in normal evaporation treatment killing mites dislodged and fallen down by fumes evaporated from hanging pads.

DURING SUMMER and honey flow refilled pads are stored in the pan under the screen for reuse in October. Pads maintain acid fumes in pan and continue killing mites which do naturally fall many times during they lifetime.

This board is intellectual property of Bill Ruzicka and Mitegone. Consent to manufacture and sale is required.