



INSTRUCTIONS AND TIMING FOR TREATMENT IN TEMPERATE CLIMATES

Regardless of what method, pesticide, or homemade potion you use, all treatments in late September or October are too late! The damage to winter bees has already been done and the colony may collapse.



**TREAT TWICE A YEAR WITH THE
MITEGONE 65% FORMIC ACID
KITS AND METHOD**

**It cleans your own hives but also
prevents re-infestation.**

**DO NOT UNWRAP THE PADS
INSTALL PADS OPEN END DOWN**

For how to, limits, and side effects, see our home page.

Performing verification testing on 20 randomly selected colonies before each treatment is a must.

Use natural drop collected over 3-5 days and prorated to 24 hours. Drops below 8-10 mites are prove that your last treatment worked and you are below the economic damage threshold. (See testing for instructions.) Treat even with '0' drop results. **DO NOT DROP TEST AFTER TREATMENT.**

COMMERCIAL KITS: Set up the filled kit downwind in the bee yard and carry 10-15 pads at a time to your prepared hives. Sweep the bees off the outside comb and place the pads as you see in picture on all of the prepared hives. Your helper can follow you and pin the pads to the capped honey on the comb. Alternately, you can do this on a second round after you take off your chemical gloves. Then put the comb with pads on it back into the hive and press it gently against the hive wall. Close the hive.

HOBBY KITS: You carry this kit with you as you move through your bee yard. Follow the same procedure but pull the bag out for easy removal of pads.

POLLINATION AND SPRING TREATMENT:

Treat at the beginning of April or late spring in your area when you preparing your hives for pollination or doing your first check. At this time, reverse and check your hive. Install two half pads in top super as shown in the picture above. Remove pads at the end of May. Do not leave pads in the hives over summer as the bees may damage your comb.

RESEARCH SHOWS THAT SPRING TREATMENT PREVENTS REINFESTATION AND
REDUCES YOUR MITE LEVEL TO A TOLERABLE LEVEL.

PREVENTING DAMAGE TO YOUR WINTER BEES, WHY AND WHEN TO TREAT READ:

<http://www.mitegone.com/pdfpages/SUCCESSFUL%20BEEKEEPING%20Timing%20of%20treatment%20Jan%2018%20C%20oc.pdf>

LATE SUMMER TREATMENT:

Treat again in mid-August to early September as shown in our web picture. Install three half pads, preferably on a frame of honey with plastic foundation, to a comb using toothpick halves. Use two toothpick halves for each pad – one in each corner. Leave the pads in the hives until the spring. You will be able to refill and reuse some of the pads.

RECOMMENDATIONS ON PRACTICALITY AND SAFETY WHEN WORKING WITH FORMIC ACID IN BEE YARDS.

INSTALLING PREFILLED PADS FROM KITS TO HIVES:

- Use medium thick rubber gloves so you are able to feel with your hands. Carry the filled pads below your waistline.
- Incorporate the treatment into your hive management routine. Prepare all the hives in bee yard for treatment before handling formic acid. This way you only need to wear respirator 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** pour acid into water.
- Never lift the barrels using a forklift above you to prevent a spill. 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 to avoid 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. Always use a proper cap.
- Set up the filling station in the bee yard down wind on a pallet on the ground.
- All filling is done below 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 or cap, wash all pails, baskets and acid laced equipment with water before going into the next yard.

FIRST AID: WATER! WATER! WATER!

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