

Tango™

GEL BAIT RECIPE

Supplies



BUCKET



ZEP SPRAY BOTTLE



DRILL WITH PAINT MIXER



MEASURING SPOONS



FUNNEL



MEASURING CUP

Ingredients



FINISHED QUANTITY

| | 1 QT | 1 GAL | 2 GAL | 4 GAL |
|-----------------------|----------------------|------------|------------|-----------|
| TREATMENT AREA | 5,000 – 10,000 sq ft | ½ – 1 acre | 1 -2 acres | 2-4 acres |
| TANGO | 3 Tbsp | ¾ c | 1 ½ c | 3 c |
| WATER | 2 ¼ c | 2 ¼ qt | 4 ½ qt | 9 qt |
| XANTHAN GUM | 2 tsp | 2 ½ Tbsp | 1/3 c | 2/3 c |
| PEANUT BUTTER | 1 ½ Tbsp | 6 ¼ Tbsp | ¾ c | 1 ½ c |
| VEGETABLE OR CORN OIL | 1 ¼ c | 1 ¼ qt | 2 ½ qt | 5 qt |

CONVERSIONS: 3 tsp = 1 Tbsp; 16 Tbsp = 1 c; 4 c = 1 qt

Directions

- 1 Read the pesticide label carefully before starting and make sure you follow all directions listed.
- 2 Put on your proper personal protective equipment (PPE) including chemical resistant gloves, eye protection, long sleeved shirt, long pants, and closed toed shoes plus socks.
- 3 Combine the **Tango™** and **water** in a bucket.
- 4 Start mixing at a slow speed with your drill and paint mixer attachment and **very slowly** add the **Xanthan gum**. Continue to mix at the highest speed safely possible until everything is evenly combined. It should look like a thick, sticky goop. It can be difficult to mix the Xanthan gum so be patient and dust it in **very slowly**. If not thoroughly mixed, little lumps can clog the nozzle of spray equipment.
- 5 Add the **oil**. At this point, the oil will sit on top of the water/Xanthan mixture. Mix at high speed until evenly combined. The bait should now have the same consistency as thin pudding or gravy.
- 6 Pour gel bait into the ZEP spray bottle using a funnel. If treating a larger area, a Jacto backpack sprayer is well-suited to hold larger quantities of gel bait. Broadcast gel bait around your property at a rate of 1-2 gallons per acre. Apply on a day with 4 hours of dry weather after treatment. Repeat treatment every 4-6 weeks. After completing a year of treatment, check your property for LFA. If still present, continue treatment.

Tips

- If you continue to have issues with your ZEP bottle clogging, mix the Xanthan gum, peanut butter, and oil in a separate bucket, and then add it the water mixture. Xanthan gum clumps less and peanut butter mixes easier when added to oil first.
- To make the gel bait even more attractive to Little Fire Ants (LFA), you can replace the peanut butter with beef liver powder (use the same amount).
- For more details, refer to the manual Mixing Hawaii Ant Lab (HAL) Gel Bait for Control of Little Fire Ants.