

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 **peanut butter** and **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.