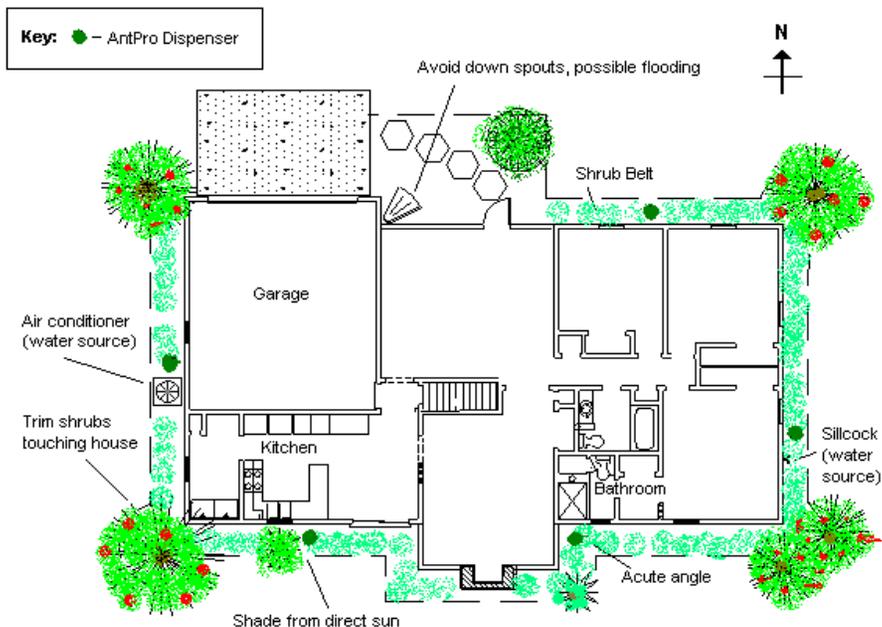


## KM AntPro® System Use & Placement Strategy

One of the first considerations when utilizing the **KM AntPro Baiting System®** is where to deploy the dispensers, and how many are required to do the job. Whether you are eliminating ants, and roaches invading your home, property, office complex, lawn and/or garden areas, parks, or infested agricultural food crops acreage, there are reliable guidelines to follow for successful invasive ant depopulation, and long-term preventative monitoring.

**Trojan Horse;** It is important to remember only a limited select group of ant foragers, on average just 10% of the nest's population, from 15,000 plus known ant species are charged with seeking out and providing food to their colonies. They perform this task by initially foraging at random. Only after these ants have located an attractive food source do they recruit additional ants. They create positive pheromone recruitment trails. Chemically marked highways to and from the identified food source to their nests. This means one single foraging ant can locate the bait, then recruit additional ants to consume and carry the perceived food internally in their Crops, "social stomachs". Each ant carries enough bait to feed approximately 12 other ants. When they return to their nest The bait is distributed by "Trophallaxis," feeding mouth-to-mouth. The bait's slow acting toxicant kills the contaminated queens, brood and nest workers in approximately 40 to 50 hours.



### 24/7 control and monitoring around homes and other structures

Install at least one **AntPro®** dispenser on each side of the structure giving consideration to its size, and the number of different connecting walls. For a small house or building consisting of approximately 1500 sq. ft., place one unit at each side North, South, East & West. The following are additional **AntPro** dispenser placement considerations:

- Key areas such as acute joining wall angles where insects converge.
- Place a unit when possible by the air conditioner condenser water overflow outlet. Water is always a primary ant attractant.

- North-side of structures with predominate shade and moisture.
  - Near where ants are seen trailing.
  - Important, do not place dispensers directly on nests or on active ant trails. Place dispensers when possible at least **5 ft. or farther away** from nests & trails. **Do not disturb ant nests, and especially do not treat the area with insecticides including other baits.**
    - Avoid locations where substantial water sideway run-off may occur.
- 2) Guidelines for unit placement around buildings. The following averaged measurements are for potential invasion areas (ground floor, only).
- |    |                |             |                |
|----|----------------|-------------|----------------|
| a) | 0 – 1,900      | square feet | 4 units to 6*  |
| b) | 1,901 – 2,999  | “ “         | 6 units to 8*  |
| c) | 3,000 - 5,000+ | “ “         | 8 units to 12* |
- \*Exotic invasive ants\* including White-footed, Big-headed, Argentine ants, Tawny (Hairy) Crazy ants, Long legged /Yellow Crazy ants, Big headed ants and Little fire ants.**

### Lawn, Garden & Balance of Property

1) For full property protection, place additional **AntPro** dispensers spaced around the perimeter of property. Depending on the ant species, each dispenser covers an area with a minimum radius of 30 feet (60 ft. spacing between units for Argentine and white-footed ants) to a radius of 75 feet (150 ft. spacing of un-obstructed ground between units for imported fire ants). Locate units where ants are most active; and preferably, in shrub or tree belts so as not to interfere with lawn maintenance. Deploy dispensers in shade, avoid locations with **full & mostly sun exposure**, and where substantial water run-off may occur. **Note:** If a dispenser is submerged due to unusually heavy rain allow the water to recede. It will not lose its bait content and foraging insects will reactivate it.

### Baiting strategy

1) **KM AntPro System™** provides ants and other insects with long term continuous access to the bait. Initially, if you have a large infestation of ants, they will consume the bait contents at a faster rate until their population is reduced and the colony destroyed (most ant species). Keep in mind, when these populations are destroyed other ants will eventually move into the uninhabited resource rich area. Once the colony is eliminated keep the dispensers activated and in place as **sentinels** to prevent re-infestation.

2) If you have a particularly difficult ant problem, first attempt to identify the ants and learn more about them. With most ant species you will find that simply following our installation and placement instructions the problem will be resolved. There are non-indigenous highly invasive super organism ant species recently introduced, including with other species geographically spreading that have and are creating serious environmental and economic problems in the United States and worldwide. The Argentine ant, Red imported fire ant, European fire ant, yellow crazy ant, Big headed ant, Tawny crazy ant (also known as the Caribbean or Raspberry ant) and White-footed ants are such ants.

**Need help:** for assistance you are welcome to phone or write us. **Please note:** If you choose to send ant samples for identification, please include your first name and daytime phone number. Send a minimum of five ants safely packed so as not to be crushed. If the ants vary in size send samples of each. Make sure insects sent through the mail are dead. Freezing them prior to mailing will suffice. **Again,** for assistance (phone Ken, or email [kjkupf@comcast.net](mailto:kjkupf@comcast.net))

**KM AntPro LLC**

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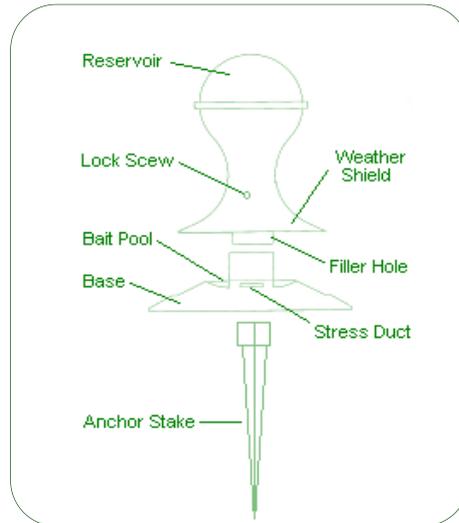
# KM AntPro® Installation & Operating Instructions

## General: (Start Here)

When AntPro bait dispensers filled with **KM** use approved baits are deployed they provide a safe highly effective means to destroy ants and their colonies. **AntPro®** performs as a trojan horse, recruiting ant foragers to transport the bait to their nests to feed and kill their queens, brood and colony members. Once colonies are depopulated **AntPro** provides long term continuous 24/7 monitoring protection against area re-infestation.

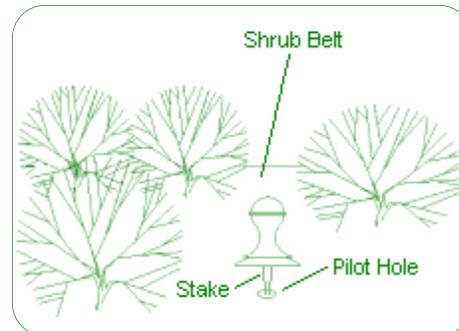
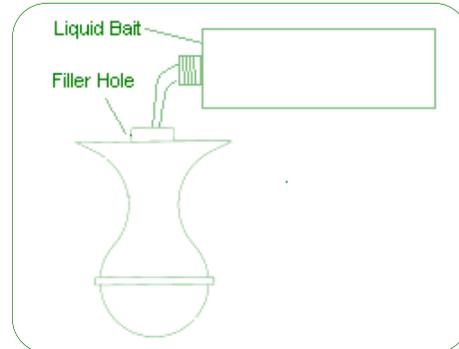
## Filling Instructions:

- 1) Turn dispenser upside down, then unscrew and remove base.
- 2) Fill dispenser through filler hole with at least **16 oz. of liquid ant bait**. (Max capacity is 19.8 oz.)
- 3) Re-attach base to reservoir, then close snugly so bait doesn't leak when dispenser is turned right side up.
- 4) Insert anchor stake into square hole in underside of base. Apply firm pressure until stake crimps into receiver.



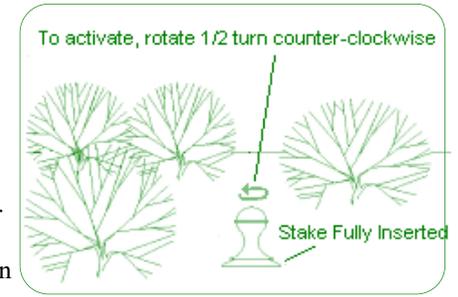
## Ground installation Instructions:

- 1) Place dispensers on level ground, away from direct sunlight in constant shade, preferably in a shrub belt around the outside of your home. (Avoid using ant bait indoors, because it attracts ants into your home. Most ant species found foraging inside structures will find bait when it's located outside.)
- 2) Using a long screwdriver, make a pilot hole for the stake in the ground.
- 3) Insert stake, with dispenser attached, into pilot hole. Apply even downward pressure to dispenser, until stake is firmly seated in ground. (When the stake is fully inserted, the dispenser base should sit flush on the ground. If not, make the pilot hole deeper.)
- 4) For best results, place at least one dispenser on each side of your home.
- 5) See reverse side for area dispensing system placement information.



## Activation Instructions:

- 1) Activate dispenser by rotating the reservoir one half turn (180 degrees counter clockwise) to nearest arrow. ( This procedure slightly raises the weather shield from the base while activating the dispenser's interior liquid surface tension stress ducts.) Note; Unscrewing reservoir too far can result in bait leakage.
- 2) **Optional use only:** The locking screw can be engaged firmly against interior wall to help prevent tampering.



## Additional Instructions:

- 1) After colony elimination or control, leave dispensers in place to prevent reinfestation. The dispensers are designed to hold and deliver bait for extended periods, but should be inspected and replenished with bait every few months, or as needed when area is infested with large populations, \*tramp "super colony ants. Additional bait refills are sold separately.
- 2) Avoid tilting or jarring dispensers once they are activated, — this disturbs the liquid surface tension stress ducts ants activate when feeding, and can cause bait to leak
- 3) **Important:** Do not apply insecticides or other baits while using the **AntPro system**, although these products kill visible insects, they serve to alert other colony members to bud (divide and spread) the nest and reproduce more rapidly. Also, the foragers are killed before they have an opportunity to return to their nests and feed their queens, nursery and other colony members.

## Green Way Liquid Ant Bait / Gourmet Liquid Ant Bait

Both baits contain Disodium Octaborate Tetrahydrate active ingredient at 1%. Both baits are specially formulated to retard the development of mold and can be diluted with distilled water or a food grade liquid 1 to 1 making them 0.5% active ingredient baits to optimize their cost effectiveness and palatability to a wide variety of ant species.

\*Tramp Ants" tend to make very large multiple queen colonies and have a high demand for food sources high in natural sugars. Mostly, their need and demand for sugars and amino acids is met by farming fecal excretions from plant piercing and sucking insects such as aphids, scale, psyllids and mealybugs in exchange for protection the ants provide them from predators. This liquid is referred to as "Honeydew". **Green Way & Gourmet** are scientifically formulated to mimic this natural ant food. They recruit and additionally increase the feeding of carpenter ants, ghost ants, Argentine ants, crazy Ants, imported fire ants, Pharaoh ants, white-footed ants, big headed ants, little fire ants, and numerous other ant and roach species.

\*Tramp ant is the title applied to several invasive ant families with proven ability to hitchhike with human travel, commerce and establish colonies in new regions around the globe. Argentine, bigheaded, ghost, fire, White Footed, Long legged and crazy ants are just a few common names of this group's members.

**Farmers: AntPro® is certified USDA, National Organic Program food crop use Compliant.** To learn more contact Ken at 941-445-4252 or [kjkupf@comcast.net](mailto:kjkupf@comcast.net)