



## RECRUIT™ HD TERMITE BAIT PALATABILITY AND TERMITE MORTALITY RESULTS

Tests were conducted to determine the effectiveness of Recruit™ HD on economically important termite species including, *Reticulitermes flavipes*, *R. virginicus*, *R. hesperus*, *Coptotermes formosanus*, and *Heterotermes aureus*. Studies were conducted in one-way, no-choice tests (Figure A). Palatability of the bait and termite mortality were both evaluated.

### Recruit™ HD Termite Bait No-Choice Tests

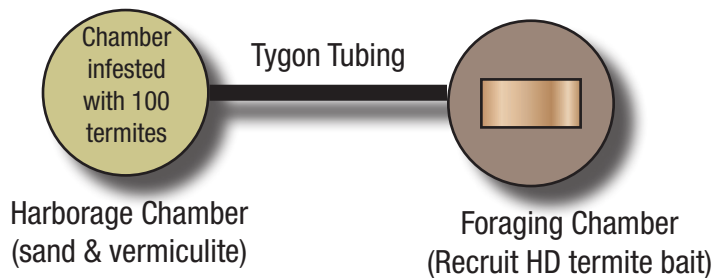
**Species:** *Reticulitermes flavipes*, *R. virginicus*, *R. hesperus*, *Coptotermes formosanus*, *Heterotermes aureus*

**Treatments:**

- Blank bait matrix used for Recruit HD
- Recruit HD
- Blank bait matrix used for Recruit IV
- Recruit IV

4-8 reps, 100 termites/replicate, evaluation at 6-8 weeks after treatment.

Figure A. Lab test methods for a one-way no-choice test.

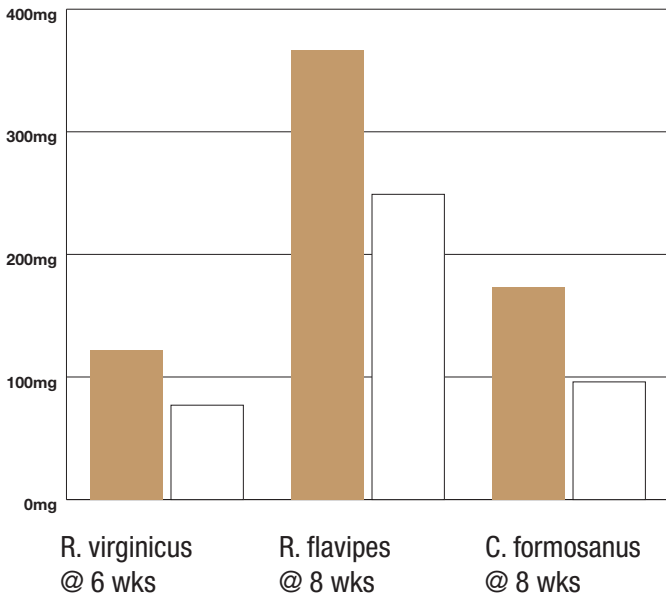


The charts on the reverse side illustrate the following no-choice test results:

- Blank bait matrix palatability
- Palatability of bait with noviflumuron
- Termite survivorship

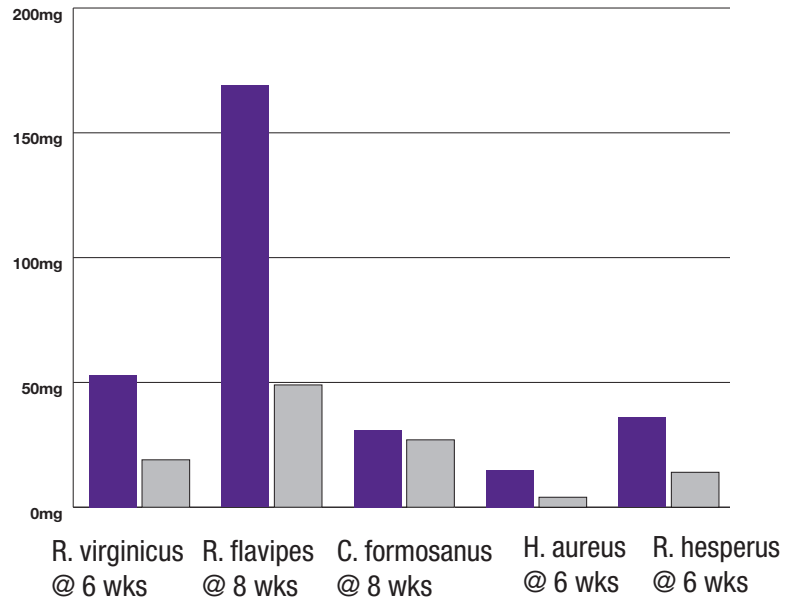
# No-Choice Test Results

## Palatability of Blank Bait Matrix



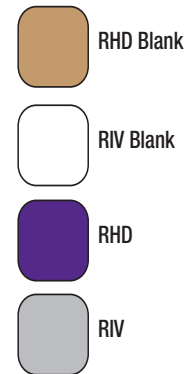
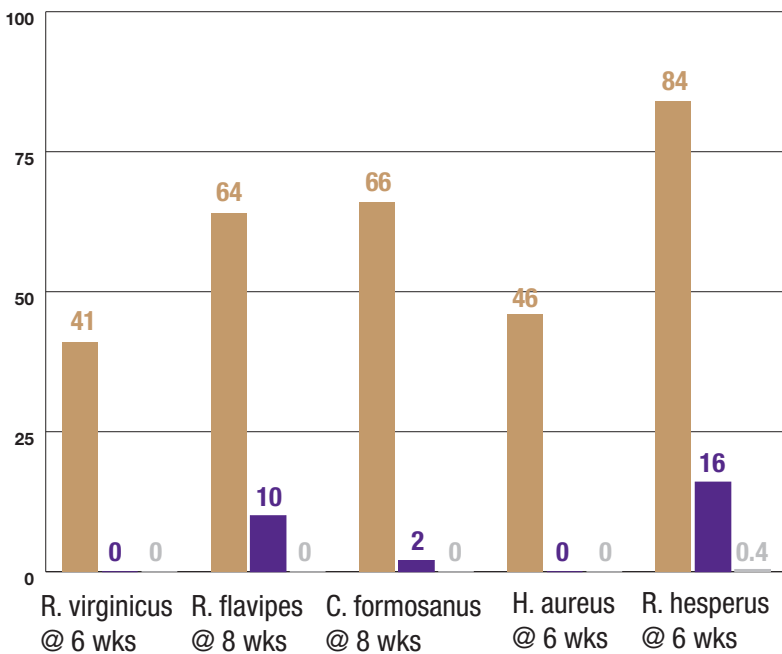
For species tested, the blank bait matrix used for Recruit™ HD is more palatable to termites than the blank bait matrix used for Recruit IV.

## Palatability of Bait Matrix with Noviflumuron



For species tested, Recruit HD is more palatable to termites than Recruit IV.

## Number of Live Termites



Termite mortality with Recruit HD was comparable to Recruit® IV depending on the species.