

Recruit[®] HD Research Site Summary Elimination of Six Colonies

Location: Laurel, MS

Termite Species: *Reticulitermes flavipes*

Bait Consumed: 2.19 Recruit[®] HD bait device equivalents¹

Colony Elimination Verified: Colonies A & B: 274 days
Colonies C, D, E, F: 183 days

Background: During the initial structural inspection (October, 2007), no termite infestation was detected. There was a remnant of an old tunnel, however, in the ceiling between the washroom and kitchen. Old termite damage was detected in landscape timbers around flower beds in front of the house. There were three areas of high moisture in the garage and some wood decay in wood paneling touching the floor.

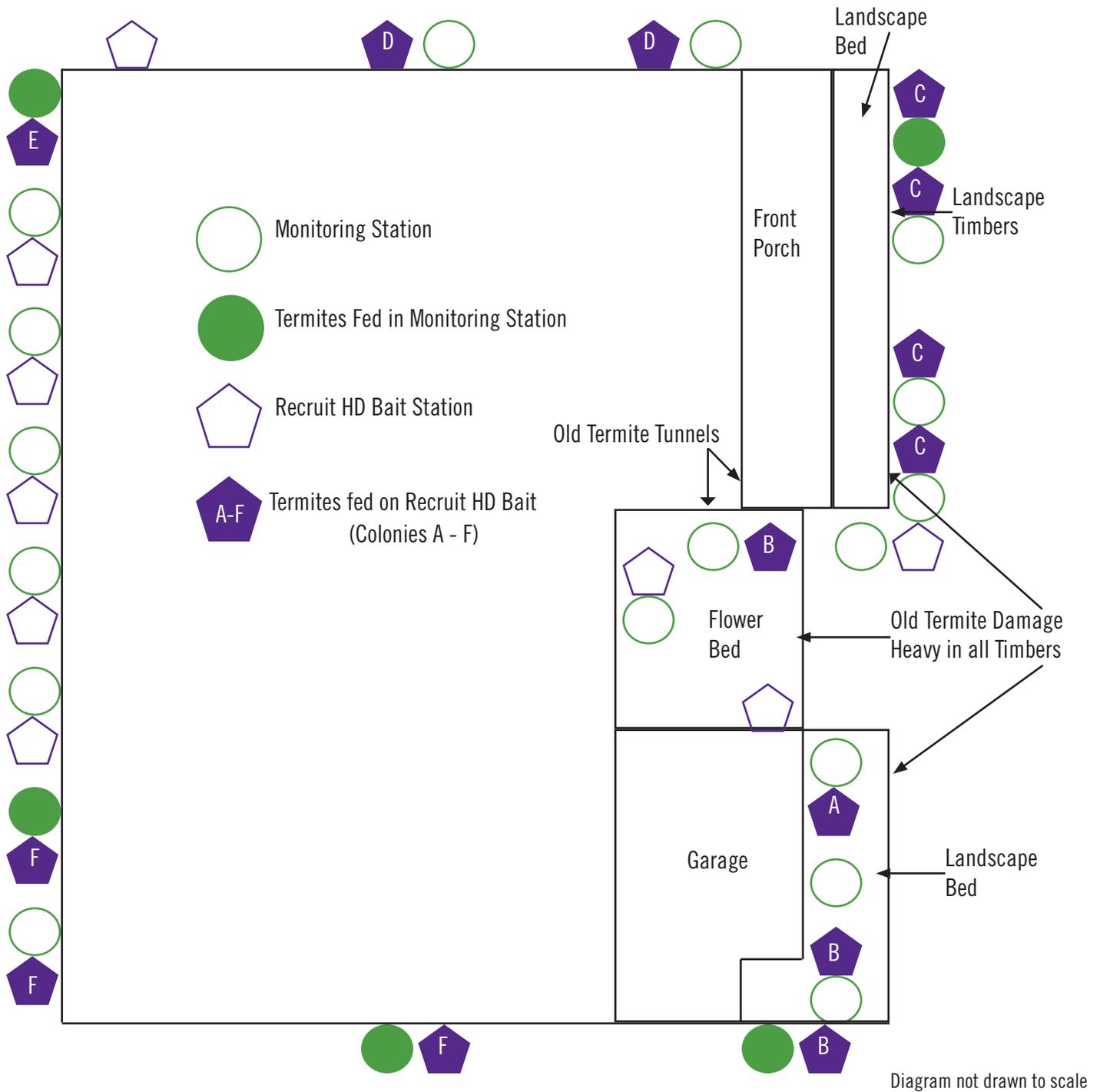
Baiting: In October, 2007, one Sentricon[®] station with a wood monitor was active with *R. flavipes*. At that time, Sentricon stations containing Recruit[®] HD termite bait were installed between all monitoring stations. Per the research protocol, the stations were not opened until the second quarterly evaluation in April, 2008. Subsequent inspections were performed on a quarterly basis, and monitors were replaced as needed. None of the Recruit HD bait devices were replaced. Monitoring devices served only as a means to monitor termite activity at the site.

Result: Sentricon stations containing Recruit HD termite bait effectively eliminated the six colonies present at the site. Colony elimination was verified in 183 days for four colonies and in 274 days for two colonies. The total bait consumed was equivalent to 2.19 Recruit HD bait devices. A total of 23 bait devices were available.



¹The total amount of Recruit[®] HD consumed by the termites at the site expressed as units of Recruit HD bait devices.

Site map showing the location of Sentricon® stations and termite damage



Overview: This case history clearly demonstrates the effectiveness of the Sentricon® System when using Recruit® HD termite bait. Recruit HD effectively eliminated six different termite colonies (which were characterized by DNA analysis) with the equivalent of 2.19 bait devices. Feeding occurred on 14 Recruit HD bait devices and only 6 of the wood monitors.