



*At the foundation of the Sentricon system is a research base unparalleled by any other termite management technology.*

*Extensive research has resulted in the publication of more than 70 independent scientific articles proving conclusively that Sentricon stops termite attacks and prevents new ones.*

01. Atkinson, T. H., M. S. Smith, and R. E. Williams. 1998. Control of structural infestations of *Heterotermes aureus* in Arizona with the Sentricon System. *Down to Earth* 53: 18–26.
02. Cabrera, B. J., and E. M. Thoms. 2006. Versatility of baits containing noviflumuron for control of structural infestations of Formosan subterranean termites (Isoptera: Rhinotermitidae). *Fla. Entomol.* 89: 20–31.
03. Chambers, D. M., and E. P. Benson. 1995. Evaluation of hexaflumuron for protection of structures from termites in New Orleans. *Down to Earth* 50: 27–31.
04. Chouvenc, T. 2018. Comparative impact of chitin synthesis inhibitor baits and non-repellent liquid termiticides on subterranean termite colonies over foraging distances: colony elimination versus localized termite exclusion. *J. Econ. Entomol.* 111: 2317–2328.
05. Chouvenc, T., and N-Y. Su. 2017. Subterranean Termites Feeding on CSI Baits for a Short Duration Still Results in Colony Elimination. *J. Econ. Entomol.* 110: 2534–2538.
06. DeMark, J. J., E. P. Benson, P. A. Zungoli, and B. M. Kard. 1995. Evaluation of hexaflumuron for termite control in the southeast U.S. *Down to Earth* 50: 20–25.
07. DeMark, J. J., J. Eger, M. Tolley, R. Hamm, N. Spomer, E. Chin-Heady, M. Smith, M. Lees, E. Thoms, B. Nead-Nylander, and P. Oliver. 2014. Overview of studies conducted in the development of Recruit® HD, pp. 74–75. In Proc., 2014 National Conf. on Urban Entomology, 18–21 May 2014, San Antonio, TX.
08. DeMark, J. J., R. L. Hamm, E. Chin-Heady, M. P. Tolley, and J. E. Eger. 2010. Recruit® HD, a new termite bait: laboratory performance characterization, p. 108. In Proc., 2010 National Conf. on Urban Entomology, 16–19 May 2010, Portland, OR.
09. DeMark, J. J., M. D. Lees, and J. E. Eger. 2012. Performance of Recruit HD in field trials against *Heterotermes aureus* (SNYDER) in Arizona, p. 69. In Proc., 2012 National Conf. on Urban Entomology, 20–23 May 2012, Atlanta, GA.
10. DeMark, J. J., and J. D. Thomas. 2000. Seasonal activity, wood consumption rates, and response to above-ground delivery of hexaflumuron-treated bait to *Reticulitermes flavipes* (Isoptera: Rhinotermitidae) in Pennsylvania and Wisconsin. *Sociobiol.* 36: 181–200.
11. DeMark, J. J., B. Yokum, and N. Spomer. 2016. Field trials with *Coptotermes formosanus* Shiraki in New Orleans: performance of Recruit® AG FlexPack and determination of colony foraging distance, p. 122. In Proc., 2016 National Conf. on Urban Entomology, 22–25 May 2016, Albuquerque, NM.
12. Eger, J. E., J. J. DeMark, J. A. McKern-Lee, M. P. Tolley, M. D. Lees, M. L. Fisher, R. L. Hamm, M. W. Melichar, M. Messenger, and E. M. Thoms. 2010. Field Validation of subterranean termite (Isoptera: Rhinotermitidae) control with Recruit® HD, a new termite bait, p. 111. In Proc., 2010 National Conf. on Urban Entomology, 16–19 May 2010, Portland, OR.
13. Eger, J. E., J. J. DeMark, M. S. Smith, and R. L. Hamm. 2012. Development and commercialization of Recruit® HD, the first durable bait for subterranean termites (Isoptera: Rhinotermitidae), pp. 88–89. In Proc., 2012 National Conf. on Urban Entomology, 20–23 May 2012, Atlanta, GA.
14. Eger, J. E. Jr., M. D. Lees, P. A. Neese, T. H. Atkinson, E. M. Thoms, M. T. Messenger, J. J. DeMark, L. C. Lee, E. L. Vargo, and M. P. Tolley. 2012. Elimination of subterranean termite (Isoptera: Rhinotermitidae) colonies using a refined cellulose bait matrix containing noviflumuron when monitored and replenished quarterly. *J. Econ. Entomol.* 105: 533–539.
15. Forschler, B. T., and J. C. Ryder. 1996. Subterranean termite, *Reticulitermes* spp. (Isoptera: Rhinotermitidae), colony response to baiting with hexaflumuron using a prototype commercial termite baiting system. *J. Entomol. Sci.* 31: 143–151.
16. Gambetta, A., V. Zaffagnini, and V. De Capua. 2000. Use of hexaflumuron baits against subterranean termites for protection of historical and artistic structures: experiment carried out in selected test areas at the church of Santa Maria della Sanità in Naples. *J. Cult. Herit.* 1: 207–216.
17. Getty, G. M., M. I. Haverty, K. A. Copren, and V. R. Lewis. 2000. Response of *Reticulitermes* spp (Isoptera: Rhinotermitidae) in northern California to baiting with hexaflumuron with Sentricon termite colony elimination system. *J. Econ. Entomol.* 93: 1498–1507.
18. Getty, G. M., M. I. Haverty, V. R. Lewis, and R. J. Sbragia. 1999. Interfacing basic biology of *Reticulitermes* spp. and the Sentricon Termite Colony Elimination System in northern California, USA, pp. 601–604. In Proc., 3rd Int. Conf. on Urban Pests, 1999, Prague, Czech Republic.

19. Getty, G. M., C. W. Solek, R. J. Sbragia, M. I. Haverty, and V. R. Lewis. 2007. Large-scale suppression of a subterranean termite community using the Sentricon® termite colony elimination system: a case study in Chatsworth, California, USA. *Sociobiol.* 50: 1041–1050.
20. Grace, J. K., and N.-Y. Su. 2001. Evidence supporting the use of termite baiting systems for long-term structural protection (Isoptera). *Sociobiol.* 37: 301–310.
21. Grace, J. K., C. H. M. Tome, T. G. Shelton, R. J. Oshiro, and J. R. Yates III. 1996. Baiting studies and considerations with *Coptotermes formosanus* (Isoptera: Rhinotermitidae) in Hawaii. *Sociobiol.* 28: 511–520.
22. Haagsma, K. A., and J. Bean. 1998. Evaluation of a hexaflumuron-based bait to control subterranean termites in southern California (Isoptera: Rhinotermitidae). *Sociobiol.* 31: 363–369.
23. Hamm, R. L., and E. Chin-Heady. 2010. Does previous feeding by *Reticulitermes* spp. (Isoptera: Rhinotermitidae) on blank Recruit® HD bait preclude subsequent feeding by other colonies of the same or different species?, p. 109. In Proc., 2010 National Conf. on Urban Entomology, 16–19 May 2010, Portland, OR.
24. Husseneder, C., D. M. Simms, and C. Riegel. 2007. Evaluation of treatment success and patterns of reinfestation of the Formosan subterranean termite (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 100: 1370–1380.
25. Kakkar, G., and N.-Y. Su. 2017. Molting drives mortality in foraging populations of Formosan subterranean termites (Isoptera: Rhinotermitidae) baited with a chitin synthesis inhibitor, noviflumuron. *Pest Manag. Sci.* 74: 219–224.
26. Kakkar, G., W. Osbrink, and N.-Y. Su. 2018. Molting site fidelity accounts for colony elimination of the Formosan subterranean termites (Isoptera: Rhinotermitidae) by chitin synthesis inhibitor baits. *Sci. Rep.* 8: 1259.
27. Karr, L. L., J. L. Sheets, J. E. King, and J. E. Dripps. 2004. Laboratory performance and pharmacokinetics of the benzoylphenylurea noviflumuron in Eastern subterranean termites (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 97: 593–600.
28. King, J. E., J. J. DeMark, and A. J. Griffin. 2005. Comparative laboratory efficacy of noviflumuron and diflubenzuron on *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). *Sociobiol.* 45: 779–785.
29. Kistner, D. H., and R. Sbragia. 2001. The use of the Sentricon™ Termite Colony Elimination System for controlling termites in difficult control sites in northern California. *Sociobiol.* 37: 265–280.
30. Lee, C.-Y. 2002. Control of foraging colonies of subterranean termites, *Coptotermes travians* (Isoptera: Rhinotermitidae) in Malaysia using Hexaflumuron baits. *Sociobiol.* 39: 411–416.
31. Lenz, M., P. V. Gleason, L. R. Miller, and H. M. Abbey. 1996. How predictive are laboratory experiments for assessing the effects of chitin synthesis inhibitors (CSI) on field colonies for termites? A comparison of laboratory and field data from Australian mound-building species of termite, pp. 1–10. In Proc., 27th Annual Meeting, International Research Group on Wood Preservation, 19–24 May 1996, Le Gosier, Guadeloupe, French W. Indies.
32. McKern-Lee, J. A., J. E. Eger, J. J. DeMark, M. P. Tolley, M. D. Lees, M. L. Fisher, R. L. Hamm, M. W. Melichar, M. Messenger, and E. M. Thoms. 2010. Preliminary field evaluation of Recruit® HD, a new durable bait, p. 110. In Proc., 2010 National Conf. on Urban Entomology, 16–19 May 2010, Portland, OR.
33. Messenger, M. T., N.-Y. Su, C. Husseneder, and J. K. Grace. 2005. Elimination and reinvasion studies with *Coptotermes formosanus* (Isoptera: Rhinotermitidae) in Louisiana. *J. Econ. Entomol.* 98: 916–929.
34. Oswald, D. A., J. J. DeMark, E. P. Benson, and A. G. Appel. 1994. New bait proves effective in controlling termites. *Auburn University Highlights of Agricultural Research* 41: 13.
35. Pawson, B. M. and R. E. Gold. 1996. Evaluation of baits for termites (Isoptera: Rhinotermitidae) in Texas. *Sociobiol.* 28: 485–510.
36. Peters, B. C., and C. J. Fitzgerald. 1999. Field evaluation of the effectiveness of three timber species as bait stakes and the bait toxicant hexaflumuron in eradicating *Coptotermes acinaciformis* (Froggatt) (Isoptera: Rhinotermitidae). *Sociobiol.* 33: 227–238.
37. Potter, M. F., E. A. Eliason, K. Davis, and R. T. Bessin. 2001. Managing subterranean termites (Isoptera: Rhinotermitidae) in the Midwest with a hexaflumuron bait and placement considerations around structures. *Sociobiol.* 38: 565–584.
38. Prabhakaran, S. K. 2001. Eastern subterranean termite management using baits containing hexaflumuron in affected University of Iowa structures (Isoptera: Rhinotermitidae). *Sociobiol.* 37: 221–234.
39. Riegel C., M. Gilberg, E. Freytag, N.Y. Su, and E.S. Bordes. 2005. Long-term protection of Madame John's Legacy House from subterranean termites using hexaflumuron. *Stud. Conserv.* 50: 267–274.
40. Riegel, C., and B. Yokum. 2012. "Performance of Recruit HD versus *Coptotermes formosanus* SHIRAKI in trials conducted by The City of New Orleans Mosquito and Termite Control Board",



**EVERY HOME IS AT RISK.**

p. 90. In Proc., 2012 National Conf. on Urban Entomology, 20–23 May 2012, Atlanta, GA.

41. Ripa, R., P. Luppichini, N.Y. Su, and M.K. Rust. 2007. Field evaluation of potential control strategies against the invasive Eastern subterranean termite (Isoptera: Rhinotermitidae) in Chile. *J. Econ. Entomol.* 100: 1391–1399.

42. Rust, M. K., D. A. Reiersen, E. O. Paine, D. Kellum, and K. A. Haagsma. 1998. Ravenous Formosan subterranean termites persist in California. *Calif. Agric.* 52: 34–37.

43. Sajap, A. S., S. Amit, and J. Welker. 2000. Evaluation of hexaflumuron for controlling the subterranean termite *Coptotermes curvignathus* (Isoptera: Rhinotermitidae) in Malaysia. *J. Econ. Entomol.* 93: 429–433.

44. Sajap, A. S., M. A. Jafaar, and D. Ouimette. 2002. Above-ground baiting for controlling the subterranean termite, *Coptotermes travians* (Isoptera: Rhinotermitidae) in Selangor, Peninsular Malaysia. *Sociobiol.* 39: 345–352.

45. Sajap, A. S., L. C. Lee, D. Ouimette, and A. M. Jaafar. 2005. Field evaluation of noviflumuron for controlling Asian subterranean termite, *Coptotermes Gestroi* (Isoptera: Rhinotermitidae). In Proc., 5th International Conf. on Urban Pests, 10–13 July 2005, Singapore.

46. Sajap, A. S., L. C. Lee, and Z. M. Shah. 2009. Elimination of subterranean termite colonies with hexaflumuron in an improved bait matrix, Preferred Textured Cellulose (PTC). *Sociobiol.* 53: 891–902.

47. Sheets, J. L., L. L. Karr, and J. E. Dripps. 2000. Kinetics of uptake, clearance, transfer, and metabolism of hexaflumuron by Eastern subterranean termites (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 93: 871–877.

48. Smith, M., J. DeMark, J. Eger, M. Fisher, R. Hamm, M. Lees, J. McKern, E. Thoms, and M. Tolley. 2010. Design and development of an “always active” termite baiting system. In Abstracts of Papers, 239th ACS National Meeting, 21–25 March 2010, San Francisco, CA.

49. Smith, J., N.-Y. Su, and R. N. Escobar. 2006. An areawide population management project for the invasive eastern subterranean termite (Isoptera: Rhinotermitidae) in a low-income community in Santiago, Chile. *Am. Entomol.* 52: 253–260.

50. Spomer, N. A., and S. T. Kamble. 2005. Effect of temperature on noviflumuron performance against the Eastern subterranean termite (Isoptera: Rhinotermitidae). *Sociobiol.* 46: 335–348.

51. Stansly, P. A., N.-Y. Su, and J. M. Conner. 2001. Management of subterranean termites, *Reticulitermes* spp (Isoptera: Rhinotermitidae) in a citrus orchard with hexaflumuron bait. *Crop Prot.* 20: 199–206.

52. Su, N.-Y. 1994. Field evaluation of a hexaflumuron bait for population suppression of subterranean termites (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 87: 389–397.



53. Su, N.-Y. 2005. Response of the Formosan subterranean termites (Isoptera: Rhinotermitidae) to baits or nonrepellent termiticides in extended foraging arenas. *J. Econ. Entomol.* 98: 2143–2152.

54. Su, N.-Y., P. M. Ban, and R. H. Scheffrahn. 1997. Remedial baiting with hexaflumuron in above-ground stations to control structure-infesting populations of the Formosan subterranean termite (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 90: 809–817.

55. Su, N.-Y., P. M. Ban, and R. H. Scheffrahn. 2000. Control of *Coptotermes havilandii* (Isoptera: Rhinotermitidae) with hexaflumuron baits and a sensor incorporated into a monitoring and baiting program. *J. Econ. Entomol.* 93: 415–421.

56. Su, N.-Y., P. M. Ban, and R. H. Scheffrahn. 2002. Control of subterranean termite populations at Sab Cristobal and El Morro, San Juan National Historic Site. *J. Cult.Herit.* 3: 217–225.

57. Su, N.-Y., E. D. Freytag, E. S. Bordes, and R. Dycus. 2000. Control of the Formosan subterranean termite infestations in historic Presbytere and the Creole House of the Cabildo, French Quarter, New Orleans, using baits containing an insect growth regulator. *Stud. Conserv.* 45: 30–38.

58. Su, N.-Y., E. Guidry, and C. Cottone. 2016. Sustainable management of subterranean termite populations (Isoptera: Rhinotermitidae) in Armstrong Park, New Orleans, with durable baits. *J. Econ. Entomol.* 109: 1326–1332.

59. Su, N.-Y., and E. L. Hsu. 2003. Managing subterranean termite populations for protection of the historic Tzu-Su Temple of San-Shia, Taiwan (Isoptera: Rhinotermitidae). *Sociobiol.* 41: 529–546.



60. Su, N.-Y., and R. H. Scheffrahn. 1996. A review of the evaluation criteria for bait-toxicant efficacy against field colonies of subterranean termites (Isoptera). *Sociobiol.* 28: 521–530.

61. Su, N.-Y., and R. H. Scheffrahn. 1996. Comparative effects of two chitin synthesis inhibitors, hexaflumuron and lufenuron, in a bait matrix against subterranean termites (Isoptera: Rhinotermitidae). *J. Econ. Entomol.* 89: 1156–1160.

62. Su, N.-Y., and R. H. Scheffrahn. 1996. Fate of subterranean termite colonies (Isoptera) after bait applications – an update and review. *Sociobiol.* 27: 253–275.

63. Su, N.-Y., and R. H. Scheffrahn. 1998. A review of subterranean termite control practices and prospects for integrated pest management programmes. *Integrated Pest Management Reviews* 3: 1–13.

64. Su, N.-Y., and R. H. Scheffrahn. 2001. Control of subterranean termites (Isoptera: Rhinotermitidae) using commercial prototype aboveground stations and hexaflumuron baits. *Sociobiol.* 37: 111–120.

65. Su, N.-Y., J. D. Thomas, and R. H. Scheffrahn. 1998. Elimination of subterranean termite populations from the Statue of Liberty National Monument using a bait matrix containing an insect growth regulator, hexaflumuron. *J. Am. Inst. Conservat.* 37: 282.

66. Su, N.-Y., E. M. Thoms, P. M. Ban, and R. H. Scheffrahn. 1995. Monitoring/baiting station to detect and eliminate foraging populations of subterranean termites (Isoptera: Rhinotermitidae) near structures. *J. Econ. Entomol.* 88: 932–936.

67. Thoms, E. M., J. E. Eger, M. T. Messenger, E. Vargo, B. Cabrera, C. Riegel, S. Murphree, J. Mauldin, and P. Scherer. 2009.

Bugs, baits, and bureaucracy: completing the first termite bait efficacy trials (quarterly replenishment of noviflumuron) initiated after adoption of Florida Rule, Chapter 5E-2.0311. *Am. Entomol.* 55: 29–39.

68. Tolley, M. P. 2010. Innovation history of the Sentricon Termite Colony Elimination System, pp. 103–108. In Proc., 2010 National Conf. on Urban Entomology, 16–19 May 2010, Portland, OR.

69. Tsunoda, K., Y. Hikawa, and T. Yoshimura. 2001. Efficacy of hexaflumuron as a bait-toxicant in the field using a transferred nest of *Coptotermes formosanus* (Isoptera: Rhinotermitidae). *Sociobiol.* 37: 261–263.

70. Tsunoda, K., H. Matsuoka, and T. Yoshimura. 1998. Colony elimination of *Reticulitermes speratus* (Isoptera: Rhinotermitidae) by bait application and the effect on foraging territory. *J. Econ. Entomol.* 91: 1383–1386.

71. Tsunoda, K., H. Matsuoka, T. Yoshimura, and K. Yamauchi. 1997. Colony elimination of *Reticulitermes speratus* (Isoptera: Rhinotermitidae) by bait system. International Research Group/Wood Protection 97–10189: 1–3.

72. van den Meiracker, K. G., P. A. Zungoli, E. P. Benson, and W. C. Jr. Bridges. 2005. Temperature effect on survival and cellulose consumption of Noviflumuron- or hexaflumuron-fed *Reticulitermes flavipes* (Isoptera: Rhinotermitidae). *Sociobiol.* 45: 185–194.

73. Vargo, E. L. 2003. Genetic structure of *Reticulitermes flavipes* and *R. virginicus* (Isoptera: Rhinotermitidae) colonies in an urban habitat and tracking of colonies following treatment with hexaflumuron bait. *Environ. Entomol.* 32: 1271–1282.

74. Weissling, T. J., and E. M. Thoms. 1999. Use of an acoustic emissions detector for locating Formosan subterranean termite (Isoptera: Rhinotermitidae) feeding activity when installing and inspecting aboveground termite bait stations containing hexaflumuron. *Fla. Entomol.* 82: 60–71.

75. Yates III, J. R., and J. K. Grace. 2000. Effective use of above-ground hexaflumuron bait stations for Formosan subterranean termite control (Isoptera: Rhinotermitidae). *Sociobiol.* 35: 333–356.

76. Yudin, L. 2002. Termites of Mariana Islands and Philippines, their damage and control. *Sociobiol.* 40: 71–74.

**If you require further information  
please visit [www.sentricon.com.au](http://www.sentricon.com.au)**

