

SECONDARY TRANSFER OF IMIDACLOPRID IN ISOPTERA

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Transfer of imidacloprid from termite to termite was discovered in 1996 by D. Price in Bayer's Termite Research Center in Vero Beach, Florida. This paper reviews the original work with *Reticulitermes flavipes* as well as subsequent work conducted throughout the United States on *Coptotermes formosanus*, *R. hesperus*, and *R. virginicus*. Transfer through contact as well as through other modes was investigated. The effect of the matrix in which the toxicant is conveyed as well as the relationship between exposure time and uptake and mortality is discussed. Implications to the effect on field colonies is addressed.