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Evaluation of Methiocarb 50%-WP as a Taste Repellent Against the House Sparrow (*Passer domesticus* L.)

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Abstract: Laboratory studies in cages and outdoor aviaries were conducted, using different concentrations of methiocarb 50%-WP to estimate the ideal dose needed to produce taste aversion in the house sparrow (*Passer domesticus*). Under a nochoice test, sparrows showed a clear difference in millet bait preference among various concentrations. Under choice tests, in cages and outdoor aviaries a clear repellency trend was recorded in both sexes with increases in poison concentration. However, female birds showed a higher repellency pattern than males. It was concluded that methiocarb grain bait at 0.1% proved to be highly effective in repelling sparrows and may function as an ideal crop protectant against bird invasion.

Key Words: House sparrow, methiocarb, taste repellent, cages, outdoor aviaries.

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