ABSTRACT

COMPOSITION AND METHOD FOR INCREASING THE EFFECTIVENESS OF PESTICIDES

Pesticidal and fertilizer compositions containing at least one compound of the formula (I): $R_3C(O)-N(R_1)(R_2)$, wherein R_1 is hydrogen or a substituted or unsubstituted C_1-C_6 alkyl group; R_2 is hydrogen or a substituted or unsubstituted C_1-C_6 alkyl group; and $R_3C(O)$- is a substituted or unsubstituted fatty acid residue of 8 to 22 carbon atoms are provided. A method of increasing the effectiveness of a pesticide which comprises applying a pesticide and an amount of a compound of formula (I) effective to increase the pesticidal activity of the pesticide is also provided. A method for increasing the effectiveness of a fertilizer which comprises applying to a plant in need thereof a fertilizer and an amount of a compound formula (I) effective to increase the fertilizing activity of the fertilizer is also described.