



VALORIFICAREA RESURSELOR NATURALE REGENERABILE
PENTRU OBTINEREA DE PESTICIDE ECOLOGICE PARTEA I:
FUNGICIDE AGRICOLE
RENEWABLE NATURAL RESOURCES RECOVERY FOR
OBTAINING ORGANIC PESTICIDES PART I: AGRICULTURAL
FUNGICIDES

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As a result of our theoretic and applicative research, this paper tries to promote a type of complex semiochemicals derived from natural sources and byproducts from industrial processing of animal greases and vegetal oils. These compounds are potentially useful for enhancing the quality of human and animal food obtained by organic agriculture and act as synergistic pesticides with improved control of diseases and pests, low impact on the utile organisms and rapidly biodegradation in soil, so called "environmentally friendly pesticides".

The first step of the research, which is presented in this paper, consists in the obtaining and testing of a synergistic fungicidal composition based on copper salts of fatty acids and a naturally occurring phospholipide. These products and other future derivatives will complete the existing list of alternative pesticides established as safer for human health and environment.