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Modification of properties of agricultural preparations by their mechanical activation with polymers

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Abstract

In this paper, it was done the investigation of joint mechanical activation of some agricultural preparations with polymers in various kind of mills. A sulfur as a basis fungicides preparations and food additives for animals and 5(6)-chloro-2-methylbenzimidazole as active substance of herbicide were taken as the objects of research. The modification of properties of b.m. substances were done by their joint mechanical treatment with polymers in grinders-activators various energy. The received products are estimated on parameters of dispersity and wettability. It is shown, that these characteristics depend as on type of activation, and structure of a composition, and also the nature of polymer. The received products can be considered as perspective forms of application in an agriculture.