

 **O.58 - A categorization of the social sciences approaches on crop protection issues**

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This paper offers a categorization of the different approaches of crop protection in sociology and economy and is structured according to the main themes that we could find in the literature: 1. The changes in farmers' conceptions and practices regarding crop protection; 2. The economic aspects of innovation; 3. The interactions with consumers and civil society. This review allows enhancing important themes for further research, such as the analysis of the changes towards more sustainable agricultures in terms of learning processes and trajectories, the study of the interactions between farmers, extension services, and researchers, as well as approaches that consider the agro-food system as a whole.