

We cordially invite you to the Research Seminar by

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**College of Agricultural and Life Sciences,  
University of Georgia**

**"Balancing Costs and Damages of  
Pesticide Usage: Dicamba, Glypho-  
sate, Sulfoxaflor, and Chlorpyrifos"**

**Friday 12 October 2018, 10:00 am – 11:00 am at SOL B4,  
Sonneggstrasse 33, 8092 Zürich**

**Agricultural Economics and Policy Group ETH Zurich**  
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The use of pesticides in agriculture has been important in controlling pests that reduce crop yields. However, uses often cause harm to humans and the environment. Recently, the use of four pesticides in the United States have raised ethical questions of how to balance costs and benefits. A reformulated version of dicamba for genetically-engineered cotton and soybeans has caused major damages to neighboring crops. Uses of glyphosate, the world's most popular herbicide, have been related to non-Hodgkins lymphoma, a type of cancer. Studies have shown that chlorpyrifos, an insecticide, is particularly dangerous for pregnant women, infants, and young children. Uses of sulfoxaflor has adversely affected pollinator species. The decisions on allowing uses of these pesticides suggest we need to reevaluate their uses and terminate uses that are accompanied by too many damages.