

Abstract Submitted
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Foliar disease transmission: insights from fluid dynamics TRISTAN GILET, Universite de Liege, Belgium, LYDIA BOUROUBA, JOHN BUSH, MIT — Rainfalls are suspected to trigger the spread of a multitude of foliar diseases that could be devastating for agricultural and forestry outputs and balance. A wealth of key fluid mechanics phenomena arise from the impact of drops on plant leaves. We present the results of a combined experimental and modelling investigation shading light on the modes of precipitation-induced foliar disease transmission.

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