R.Ghini, Empresa Brasileira de Pesquisa Agropecuária/Centro Nacional de Pesquisa de Defesa da Agricultura, P.O.Box 69, Jaguariuna-SP, 13820, Brazil

The significative consumption increase of the systemic fungicides in Brazil has raised problems with resistance in plant pathogenic fungi. Some examples of lack of control in the field due to resistance will be discussed. Most of the studies carried out in Brazil only report the occurrence of resistance to fungicides, without any assignments to the mechanismsor to the management strategies. The shortage of monitoring programsonfungicide resistanceand the reducednumberof researchers involved with the problem have lead to insufficient information and lack of resistance management strategies available to the growers.