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Antifungal activity of epecific plant essential oils against fusarium graminearum

fusarium graminearum is one of the most popular phytopathogens of cereals worldwide. F. graminearum is the major causal agent of head blight of wheat and barley. Disease-resistant cultivar development, antagonistic microorganism usage and fungicide treatment are the most common strategies in head blight management strategies. However, these methods have some important disadvantages. The use of plant-derived essential oil against F. graminearum seems to be a promising approach due to the recent researches. This review summarizes the potential use of essential oils to fight against F. graminearum.