



Mulching Films in Arable Cropping Systems

Guest Editor:

Prof. Dr. Daniel Rodriguez

Centre for Crop Sciences,
Queensland Alliance for
Agriculture and Food Innovation
(QAAFI), The University of
Queensland, Gatton Campus,
QLD 4343, Australia

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Message from the Guest Editor

Agricultural film mulches have long been used in the production of high-value horticultural crops; however, a much more recent application has been their use in arable cropping systems of pulses, fibre crops, oilseeds, and cereals. The use of film mulches in arable cropping systems has the potential to reduce soil evaporative losses, reduce weed pressures, and allow for the early sowing of soil temperature sensitive crops. However, concerns remain around the risks of soil and water pollution with plastics, additives and their degradation compounds, and the likelihood that they might enter the food chain.

The aim of this Special Issue is to compile the most recent advances in the use of mulching films in crops such as summer and winter cereals, fibre crops, oilseeds, and pulses. Original research articles are requested that address benefits and trade-offs of the practice and the way forward, particularly in the use of bioplastics and biodegradable mulches.





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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

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Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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