# Advances in Weed Science

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Advances in Weed Science (Formerly Planta Daninha) is an Open Access scientific journal continuously published by the Brazilian Weed Science Society (Sociedade Brasileira da Ciência das Plantas Daninhas – SBCPD). Its mission is to publish articles covering all aspects of Weed Science, Agriculture, Agronomy, Crop Science and Crop Protection.  
Advances in Weed Science publishes articles covering all aspects of weed science, including: Weed taxonomy, biology, ecology, and genetics; Herbicide-resistant weeds and crops; Chemistry, biochemistry, and physiology of herbicides; Herbicide selectivity in crops;  
Herbicide mixture interaction at biological and biochemistry level; Environmental aspects of weed science, including herbicide fate, environmental factors affecting weed biology, ecology, or management; Biological and ecological aspects of weed control tools, including biological agents and herbicide-resistant crops; Effect of weed management on soil, air, and water; Integrated weed management; And characteristics and challenges of existing and new methods of weed control.

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